



Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

- Affiliated to Savitribai Phule Pune University: ID No PU/PN/ASC/023/1970
- Junior College Index No: J-11.15.004
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute
- UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



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Professor (Dr.) Aftab Anwar Shaikh

M.Com, Ph.D (Busi. Admin.)
PRINCIPAL



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CRITERION- III

KEY INDICATOR	3.5 Collaboration
METRIC NO.	3.5.2

➤ Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during

**E-COPIES OF THE MOUS WITH INSTITUTION/
INDUSTRY/ CORPORATE HOUSES AND
ACTIVITIES CONDUCTED UNDER EACH MOU
DURING THE ACADEMIC YEAR**

2020-2021

Maulana Azad College of Arts, Science and Commerce,
Aurangabad



Report of MOU

Maulana Azad College of Arts, Science &
Commerce, Aurangabad

With

Anjuman Khairul Islam's Poona College of Arts,
Science & Commerce, Camp, Pune

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1. Brief Report of MoU:

Maulana Azad College of Arts, Science and Commerce, Aurangabad signed MOU on 8th May 2019 for the period of five years.

The MOU was signed with the aim of:

1. Exchange of information related to teaching and research in the fields of mutual interests such as seminar, conferences and workshops.
2. Exchange of academic material, publications and information.
3. Exchange of faculties, research fellows and students.
4. Sharing resources of the two colleges, equipments and other facilities.
5. Funds shall be worked out through mutual consent of the two colleges.

2. Faculty members involved:

- Department of Chemistry
- Department of Zoology
- Department of Botany

3. List of activities:

- Online Education and research Lecture by Dr Aafreen of Anjuman Khairul Islam's Poona College on Life of Sundarlal Bahuguna. Sixty five students attended the lecture.
Attached screenshot
- Online lecture on 15th Feb 2022 on "Green Chemistry: A sustainable approach" by Prof. Prashant Netankar of Maulana Azad College of Arts, Science & Commerce, Aurangabad. 176 were in attendance.

4. Letters Indicating MoU Documents: Attached.

6. Evidences / Outcome of the MoU:


Attached reports of the activities.


Dr. Mazahar Ahmed Farooqui

Principal

Maulana Azad College of Arts,
Science & Commerce, Aurangabad




Dr. Shaikh Atab Anwar

Principal

Anjuman Khairul Islam's
Poona College of Arts,
Science & Commerce, Pune
PRINCIPAL

Poona College of Arts, Science & Commerce
Camp, Pune-411001
Principal Office





7 MAY 2019
प्रमुख लिपीक

MAHARASHTRA
48969
100/-
8 MAY 2019
मो. जमीर अहमद शे. चांद
आझाद कॉलेज एम. ए. यु.

UN 287049
एन. क. लिडकॉले
हॉटेल चेंबर, औरंगाबाद
परवाना क्र. 3101057

This Agreement is executed on 8-05-2019 at Aurangabad

MEMORANDUM OF UNDERSTANDING
BETWEEN

Anjuman Khairul Islam's Poona College of Arts, Science & Commerce, Camp, Pune,
Maharashtra

AND

Maulana Azad College of Arts Science and Commerce,
Dr. Rafiq Zakaria Campus, Rauza Bagh, Aurangabad.

**FOR THE DEVELOPMENT OF JOINT ACADEMIC & RESEARCH COOPERATION
BETWEEN THE TWO INSTITUTES**

The general objective of this Memorandum of Understanding (MOU) is to stimulate and facilitate the development of collaborative work and go for mutually beneficial programs which serve to enhance the education and research on both campuses. Thus Maulana Azad College of Arts, Science and Commerce, Dr. Rafiq Zakaria Campus, Rauza Bagh, Aurangabad and Anjuman Khairul Islam's Poona College of



Arts, Science & Commerce, Camp, Pune, Maharashtra have agreed that in support of their mutual interests in the field of education and research:

1. The two educational institutions will cooperate in the exchange of information relating to their activities in teaching and research in fields of mutual interests such as seminars, conferences and workshops.
2. The institutes agree to cooperate for the exchange of academic material, publications and information.
3. The institutes also agree for the exchange of faculty members, research fellows and students.
4. The students and faculty members of both colleges agree to share the resources of the two colleges, equipments and other facilities.
5. The requirement of funds shall be worked out through mutual consents of both the organizations.

The aim of the Memorandum of Understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration, and this shall be subject to periodic review by both the institutes. The term of the agreement will be of five years from the date of signing of the memorandum meanwhile either party may terminate the agreement at any time during the currency of the agreement by the provision of three months written notice to the other party.

Signature

Dr. SHAIKH AFTAB ANWAR
Principal

Anjuman Khairul Islam's Poona College of
Arts, Science & Commerce, Camp, Pune,
Maharashtra

Date:
Camp, Pune-411 001
Principal Office

Signature

Dr. MAZHAR FAROOQUI
Principal,

Maulana Azad College of Arts Science and
Commerce Dr. Rafiq Zakaria-Campus, Rauza
Baugh, Aurangabad, Maharashtra.

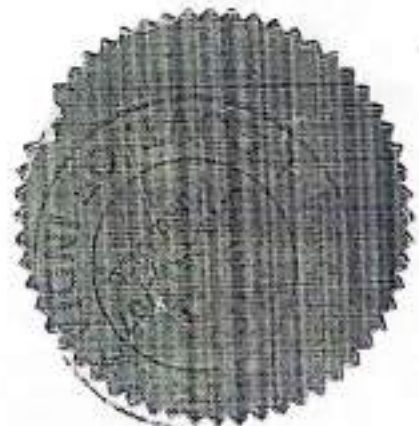
Date:

PRINCIPAL
Maulana Azad College,
Rauza Baugh, Aurangabad.



BEFORE ME

SYED S. ALI
NOTARY GOVT. OF INDIA
AURANGABAD
L.NO.4032 M. 9923280499



MAULANA AZAD COLLEGE OF ARTS, SCIENCE AND COMMERCE, AURANGABAD

Name of the Event / Activity: Webinar on Life and writings of Sunderlal Bahuguna

Guest Speaker: Dr. (Mrs.) Afreen Abrar Ahmed

Date: 27-05-2021

Venue: - Online

No. of Beneficiary: 65

Type of Beneficiary: Students and Teachers

Goals and Objectives: Preservation of Forests and Environment conservation



Highlights of the Program: -

In her address Dr. (Mrs.) Afreen Abrar Ahmed (Assistant Professor, Department of Botany, Poona College, Pune) highlighted on the "Life and writings of Sunderlal Bahuguna". She said Sunderlal Bahuguna was a great Indian Environmentalist and Gandhian peace worker, who has been one of the leaders of the Chipko movement, fighting for the preservation of forests in the Himalayas. Chipko means 'embrace' or 'tree huggers' and this vast movement has been a decentralized one with many leaders, usually village women, who have worked to protect the environment. She explained how the women's would chain themselves to trees so that loggers could not cut down the forests. These actions slowed down the destruction, but more importantly brought the deforestation to the public's attention. In 1981 to 1983 Sunderlal Bahuguna led a 5000 kilometer march across the Himalayas ending with a meeting with Indian Prime Minister Indira Gandhi, who then passed legislation to protect some areas of the Himalayan forests from clear-cutting. Accordingly she said Sunderlal Bahuguna was also a leader in the movement to oppose the Tehri dam project and participated in defending India's rivers, and has also worked for women's rights and rights of the poor. In the tradition of Mahatma Gandhi, his work for change has been done through peaceful resistance and other nonviolent methods. Lastly she spoke about few books authored by the great environmentalist of India.

Relevance and outcome:


Students and Participants were made aware of the importance of Preservation of Forests and Environment conservation

Feedback analysis (Comments/suggestions):

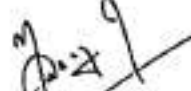
Students expressed their satisfaction and suggested to organize more such lectures on Environment conservation

Programme co-coordinator: Dr. M. Rafiuddin Naser

Organizing Committee: Dr. M. Rafiuddin Naser and Dr. Ashfaque M. Khan


Dr. M. Rafiuddin Naser
Head of Department of Botany


Dr. Aditi Bhattacharya
IQAC Coordinator


Dr. Mazhar Parooqui
Principal Maulana Azad
College
Maulana Azad College of Arts,
Science & Commerce,
Aurangabad-431001.

Head of the Department of Botany
Maulana Azad College of Arts
Science & Commerce
Dr. Rafiq Zalaria Campus, Rauza Bagh,
Aurangabad-431001.(M.S.)

COORDINATOR
Internal Quality Assurance Cell
Maulana Azad College of Arts,
Science & Commerce, Aurangabad.





Dr. Rafiq Zakaria Campus

Maulana Azad College of Arts, Science & Commerce

Post Box No. 27, Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad - 431 001 Maharashtra.
Tel: 0240-2381102 • Fax: 0240-2390422 • Web: <http://maca.ac.in> • Email: macprincipal@gmail.com

MINORITY INSTITUTE

AAC Re Accredited Grade 'A'

UGC'S status of "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAC: Bot. /2021-2022/ 1719

Date: - 28-05-2021

To,
Dr. (Mrs.) Afreen Abrar Ahmed,
Assistant Professor-in-Botany,
Department of Botany,
Poona College,
Pune.

Subject: - Letter of thanks.


Madam,

We are thankful to you for accepting our invitation and delivering a lecture on a topic "**Life and writings of Sunderlal Bahuguna**" held on 27-05-2021 at 10:30 am through Zoom.

I am thankful to you for this cooperation and I hope the same for future also.

With regards,

Sincerely yours


(Dr. Mazahar Ahmad Farooqui)
Principal



Dr. Rafiq Zakaria Campus

Maulana Azad College of Arts, Science & Commerce

Post Box No. 27, Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad - 431 001 Maharashtra.

Tel: 0240-2381102 • Fax: 0240-2390422 • Web: <http://maca.ac.in> • Email: macprincipal@gmail.com

MINORITY INSTITUTE

NAAC Re Accredited Grade 'A'

JGC'S status of "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAC. Bot 12021-2022, 1720

Date :- 24-05-2021

To,
Dr. (Mrs.) Afreen Abrar Ahmed,
Assistant Professor-in-Botany,
Department of Botany,
Poona College,
Pune.

Subject :- Invitation as a Guest Speaker .

Madam,

Our College is celebrating 'World Biodiversity Day' on 27-05-2021, hence you are requested to deliver a lecture on the topic "Life and writings of Sunderlal Bahuguna". This lecture is through Zoom.

Waiting for your positive response.

Sincerely yours


(Dr. Mazhar Ahmad Farooqui)
Principal

**Maulana Azad College of Arts, Science & Commerce, Aurangabad,
Rafiq Zakaria Campus-I**

Report of Activity for Submission to IQAC

Name of the Event/Activity: Webinar in view of Environmental Awareness" in Collaboration with Poona College of Arts, Science & Commerce, Pune.

Speaker: Dr. P. D. Netankar, Professor, Maulana Azad College of Arts, Science & Commerce, Aurangabad

Date:- 15/02/2022 **Time:-** 02:00 pm **Venue/ online platform:** Zoom & YouTube

Number of beneficiaries: 176

Type of activity: Curricular/Co curricular/ Extracurricular/Extension NSSANCE/College committee activity-/Departmental activity/CSR/FDP/Webinar.

Details of the Program: Online lecture on "Green Chemistry- A Sustainable Approach"

Goals and objectives:

The main objectives of the lecture to provide an eminent academician to deliberate and discuss various green chemistry strategies utilized in chemistry and its applications.

Highlights of the programme (One and half page write up)

The program has started with compering of Dr. Anis Ahmed and Dr. Abdul Ahad has given introduction of the program. Then Dr. Arif Pathan sir (Prof & Head, Dept. of chemistry) has given presidential speech followed by introduction of guest by Dr. Zamir Ahmed (Assistant Professor, Poona College of Arts, Science & Commerce, Pune). After completion of lecture question answer session was held by Dr. Mohsin Abdul Aziz. The program was completed by vote of thanks by Mr. Nawaz Ali. The total numbers of participants for the program were 176. The online lecture is beneficial for all the graduate, post graduate and research students as per their academic requirements. The session covers complete and detail explanations of basic principles of green chemistry, its techniques and approach towards sustainable aspects.

Relevance and outcome:

The participants benefitted with green chemistry basics and its application towards sustainable approach & its importance.

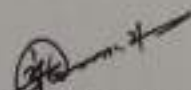
Clear geo-tagged photographs -3 to 4.


Attach permission letter, brochure itinerary, work distribution, participants list,

Programme Coordinator: Prof. Dr. Arif Pathan

Organizing team/committee: Convener: Dr. Abdul Ahad; Co-convener: Mr. Nawaz Ali

President; Dr. Mazhar Farooqui (Principal, MAC, Aurangabad)


Prof. Dr. Arif Pathan


Nawaz Ali

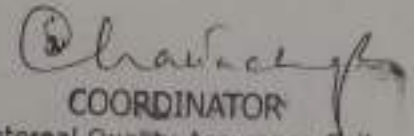

Dr. Abdul Ahad

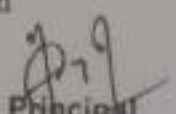
Dr. Pathan Mohd Arif Ali Khan

Professor,

Department of Chemistry

Maulana Azad College of Arts Science & Commerce,
Rafiq Zakaria Campus, Rauza Bugh, Aurangabad.


COORDINATOR
Internal Quality Assurance Cell
Maulana Azad College of Arts,
Science & Commerce, Aurangabad.


Principal
Maulana Azad College
Aurangabad
Dr. Mazhar Farooqui
(Principal)

**Maulana Azad College of Arts, Science & Commerce,
Aurangabad**
Department of Chemistry
In Collaboration with
Department of Chemistry
Poona College of Arts, Science and Commerce, Pune
A Webinar on Lecture on
Green Chemistry –A sustainable Approach
Schedule and Work Distribution

Date : 15-02-2022 at 02:00PM

1	Compering	Dr. Anis Ahmed
2	Introduction of Program	Dr. Abdul Ahad
3	Speech	HOD/ Dr. Arif Pathan
4	Introduction of Guest	Dr. Zamir Ahmed Assistant Professor, Poona College of Arts, Science & Commerce, Pune.
5	Session of Resource person	Dr. P. D. Netankar Professor, Maulana Azad College
6	Questions and Answers	Dr. Mohsin Abdul Aziz
7	Vote of Thanks	Nawaz Ali
	<i>over to</i>	Dr. Anis Sir (<i>Declaration of end of the Program</i>)

Dr. Rafiq Zakaria Campus-I Maulana Azad College of Arts, Science & Commerce, Aurangabad



An online Webinar
in view of

Environmental Awareness

On the Topic

"Green Chemistry- A Sustainable Approach"

Organized by

Department of Chemistry

In Collaboration with

Poona College of Arts, Science
and Commerce, Pune

Date & Time

Tuesday,
15th February, 2022
Time: 02:00 PM

Speaker

Dr. P. D. Netankar

Professor

Maulana Azad College of Arts,
Science & Commerce,
Aurangabad, Maharashtra

Zoom Link: <https://us02zoom.us/j/9423456007> or <https://www.zoom.us/j/9423456007>

Meeting Id: 9423456007

Zoom ID: <https://us02zoom.us/j/9423456007>

Registration: <https://forms.gle/0N0F6K5Y7M4HRD6>

Facebook: 220205



Environmental awareness

Environmental awareness matters both at local and global levels. Among the many issues that exist around the world, this is one that knows no bounds. As a result, resolving it will take a determined effort by people from all walks of life, regardless of regional, national, or continental boundaries. In the current state of human knowledge, the earth is the only planet on which humans can live and it is everyone's responsibility to think about the environmental issues of earth holistically. Earth science, physics, ecology, chemistry, biology, geography, and atmospheric science, all intersect with environmental studies as a discipline.

Therefore in order to raise environmental consciousness, this online webinar on the topic of "Green Chemistry- A Sustainable Approach," will definitely bring awareness among the students, teachers and researchers in context with development of sustainable green approach towards scientific methods and techniques utilized in chemistry in this discipline.

Organizing Committee

Convenor

Dr. Abdul Ahad
Assistant Professor

Co-Convenor

Nawaz Ali
Assistant Professor

Dr. Mazahar Farooqui
Principal

Dr. Mohd Arif Pathan
Professor & Head of the
Department of Chemistry

Organizing Committee Members

- > Professor Sayyad Sultan
- > Dr. Syed U. K. Asena
- > Dr. Mohammad Asif
- > Dr. Anis Ahmed
- > Dr. Sameer Furrus

Poona College, Pune

- > Dr. Iqbal N. Shaikh

(Head & Vice Principal)

- > Dr. Mohammed Zamir Ahmed

<https://forms.gle/0N0F6K5Y7M4HRD6>

Timestamp	Email	Full Name	Gender	Designation	College/University	City	Contact Number
2/14/2022 16:35:19	abdulahad_aala@yahoo.co	Dr. Abdul Ahad	Male		Maulana Azad College	Aurangabad	9158262717
2/14/2022 17:34:17	Kaazisaif@gmail.com	QUAZI SAIFUDDIN	male		Maulana Azad College	Aurangabad	9665521097
2/14/2022 17:35:26	sayedafirdous15@gmail	Syed Firdous Mehwish S	Female		Maulana Azad College	Aurangabad	9404346331
2/14/2022 17:53:13	maaziz80@gmail.com	Dr Mohsin Abdul Aziz	Male	Assistant professor	Maulana Azad College	Aurangabad	+919970342666
2/14/2022 17:54:46	Kaazisaif@gmail.com	QUAZI SAIFUDDIN	Male	Assistant Professor	Maulana Azad College	Aurangabad	9665521097
2/14/2022 18:00:07	Farheenwaseemsk@gma	Khan Farheen kauser	Female	Research fellow	Mulana azad college	Aurangabad	09552740861
2/14/2022 18:01:03	sahasrabudhemadhuri@g	Dr. Madhuri Sahasrabudh	Female	Associate Professor	Maulana Azad college of /	AURANGABAD	9850108392
2/14/2022 18:11:30	bibiyashakhan2000@gm	Bibi Ayisha Khan	Female	Student	Poona college	Pune	9782074873
2/14/2022 18:11:42	rukhsarshaikh9196@gma	Rukhsar Salim Shaikh	Female	Assistant Professor	AKI's Poona College of Ar	Pune	7350922369
2/14/2022 18:13:40	email4farooqui@gmail.co	Farooqui Mohammed Mu	Male	Assistant Professor	Maulana Azad College	Aurangabad	8087883499
2/14/2022 18:14:05	prathmeshdeshpande198	Prathamesh Pramod Desi	Male	Research Scholar	Dr. Babasaheb Ambedkar	Aurangabad	9967604935
2/14/2022 18:14:08	aarbajamadar0707@gm	Jamadar Aarbaj Nabi	Male	STUDENT	Poona college of Arts, sci	Pune	9689543655
2/14/2022 18:14:48	nail99saleh@gmail.com	Nail Saleh Saleh Al Saila	Male	Student (M.Sc. Chemistry	Dr. Babasaheb Ambedkar	Aurangabad	8446302774
2/14/2022 18:15:10	prathmeshdeshpande198	Prathamesh Pramod Desi	Male	Research Scholar	Dr. Babasaheb Ambedkar	Aurangabad	9967604945
2/14/2022 18:16:21	ruqaiya9156@gmail.com	Shaikh Ruquaiya	Female	Assistant professor	Maulana Azad college Au	Aurangabad	09373090193
2/14/2022 18:16:52	khansaniya94864@gmai	KHAN SANIYA ZUBAIR	Female	Student	AKI'S Poona college of Ar	Pune	07020644358
2/14/2022 18:18:01	ni3muley@gmail.com	Nitin S. Muley	Male	Research Scholar	J.E.S. College, Jalna	Jalna	8275488148
2/14/2022 18:18:20	zairasiddiqui88@gmail	Siddiqui Zaira-e-haram	Female	Student	Maulana Azad college	Aurangabad	9373989590
2/14/2022 18:23:08	subhash.varpe1111@gm	SUBHASH NANASAHEB	Male	Research scholar	Maulana Azad College of	Sangamner	9850919782
2/14/2022 18:23:42	sabatarannum153@gmai	Tarannum Saba	Female	Jr.Lecturer	G D college, Majalgaon	Beed	9673139797
2/14/2022 18:39:01	amrahshazeen@gmail.co	Amrah Shazeen	Female	Student	Maulana Azad college	Aurangabad	9421306472
2/14/2022 18:43:51	tubafirdose3@gmail.com	Tuba Firdose Momin	Female	Student, Bsc 3rd year	Azad college arts science	Aurangabad	8080355007
2/14/2022 18:53:20	chikhalepratibha@gmail	Pratibha Uttamrao Chikha	Female	Research scholar	BAMU	Aurangabad	8788865368
2/14/2022 19:10:37	sagartayde66@gmail.com	SAGAR TAYDE	Male	MSc 2nd year	Dr. Rafiq zakaria centre f	Aurangabad	8308350982
2/14/2022 19:16:07	alimehtab74@gmail.com	Mehtab Ali Mehboob Ali	Male	Student	Maulana Azad college of	Aurangabad	9834689877
2/14/2022 19:16:14	sayedshoeb2017@gmai	SAYYED SHOEB SAYYE	Male	MSC 2nd year	Maulana Azad college	Aurangabad	8379047949
2/14/2022 19:21:37	almasbano007@gmail.co	Almas Bano	Female	Assistant professor	Chishtiya College of Arts,	Kuldabad	9130229607
2/14/2022 19:22:11	kalla3147@gmail.com	Sonawane Rushikesh Da	Male	Student	Dr Rafiq Zakariya Campu	Aurangabad	07387786528
2/14/2022 19:38:38	nabimurumkar786@gmai	Nabisab Sanaullah Murur	Male	Student	Poona College of Arts Sci	Solapur	9545739699
2/14/2022 19:38:50	khanareeba9730@gmail	Khan Ariba Fatima	Female	Student	Maulana Azad clig	Aurangabad	7028847970
2/14/2022 19:56:18	arefshaikh1363@gmail	Shaikh Aref Gulab	Male	Student	Poona college of arts scie	Pune	9921311363
2/14/2022 19:57:05	Aamena381@gmail.com	Shaikh Aamena Begum	Female	Student	Maulana azad college,	Aurangabad	8888992774
2/14/2022 19:57:27	afsaaransari867@gmail	Ansari Afsaar Iftekhar	Male	Under graduate	Akis Poona College Arts	PUNE	9860379149
2/14/2022 19:58:11	Aamema381@gmail.com	Shaikh Aamena Begum	Female	Student	Maulana azad college	Aurangabad	8888992774
2/14/2022 20:02:14	wasimshaikhsam@gmail	Shaikh wasim rafiq	Male	Msci 2 nd year	Dr Bamu	AURANGABAD	9890040403
2/14/2022 20:02:49	shiriniliyas@gmail.com	Shaikh shirin anjum iliyas	Female	Student	Maulana Azad college Au	Aurangabad	8767555024
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2/14/2022 20:06:55	muskanhavaladar24@gma	Muskan Riyaj Havaladar	Female	Student	Poona college of science	Pune	+919175457775
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2/14/2022 20:11:00	kriti31121996@gmail.co	Kriti Chaurasia	female	Research Scholar	Lucknow University	Lucknow	8299380186
2/14/2022 20:20:15	lmsaqibm@gmail.com	Mohammad saqib Mohar	Male	Students	Maulana azad arts scienc	Aurangabad	7057059697
2/14/2022 20:24:05	khansadiyakhn2727@g	Sadiya khatoon saheb kh	Female	M.sc.	Dr. Baba saheb ambedka	SAKHARKHERDA	8600851720
2/14/2022 20:59:02	kdevi.bdu@gmail.com	Dr A. KANCHANADEVI	Female	ASSISTANT PROFESSO	Shree Venkateshwara Ar	ERODE	9751550228
2/14/2022 21:13:48	nikitamahajan9876@gam	Nikita Hansraj Mahajan	Female	Student	Dr. Refiq Zakaria Campus	Aurangabad	7020161776
2/14/2022 21:20:02	drhaseebahmed@gmail.c	Dr Haseeb Ahmed	Male	Professor	Maulana Azad college, au	AURANGABAD	09423455371
2/14/2022 21:28:03	jathar.aarti@gmail.com	Miss. Aarti Mohan Jathar	Female	Research Student	SPPU	Pune	9921997181
2/14/2022 21:29:51	faizuddinmshaikh453@g	Shaikh Almas Faizuddin	Female	T.Y.B.Sc	AKI's Poona college of Ar	Pune	7263822780
2/14/2022 21:30:00	mudashirshaikh1252@g	Mudassir jakir shaikh	Male	Yeola	Maulana Azad College au	Nashik	9307938416
2/14/2022 21:31:27	Pratikshagherade5@gma	Pratiksha arun gherade	Female	.	Poona college, art Comm	Swarget, Pune.	8208195707
2/14/2022 21:40:08	anisahmed8azad@gmail	Dr. Anis Ahmed Sheikh	Male	Assistant Professor	Maulana Azad College Au	Aurangabad	+919420048156
2/14/2022 21:45:45	heenashaikh0443@gmai	Shaikh Heena Rashid	Female	Student	AKI'S Poona College of A	Pune	7038799924
2/14/2022 21:46:37	asfahanahmed@gmail.co	Asfahan Khusro	Male	Research Student -Chem	Maulana Azad college	aurangabad	9860485785
2/14/2022 22:47:35	bhagyapati00111@gmail	Patil Bhagyashri Sanjay	Female	Students	Dr.rafiq Zakaria campus n	Aurangabad	7028044534
2/14/2022 22:53:19	bhagyapati00111@gmail	Patil Bhagyashri Sanjay	Female	Student	Dr.Refiq Zakaria campus	Aurangabad	7028044534
2/14/2022 23:32:42	sadafkhan2709@gmail.c	Khan Samreen Sadaf Haf	Female	Student	Maulana Azad College.	Aurangabad	7709426456
2/15/2022 0:01:59	niesprimary@rediffmail	Baig Shaheera	Female	Student	Maulana Azad College Au	Aurangabad, Maharashtra	9823542285
2/15/2022 0:09:41	nikhatanjum2491@gmail	Nikhat anjum abdul malik	Female	Student	Dr. Rafiq zakariya cente	Aurangabad	8830741900
2/15/2022 0:27:26	dr.muhtaba.quadri@gmail	Quadri Syed Mujtaba Sye	Male	Assistant Professor	Maulana Azad College of	Aurangabad	9860809020
2/15/2022 0:27:57	mdabdulhad92@gmail.c	Abdul Hadi	Male	Assistant Professor	Maulana Azad College	Aurangabad	9021242628
2/15/2022 0:54:13	brahmdevgalave177@gm	Brahmdev madhukar Gal	Male	Plant	Pune University	Pune	7758898157
2/15/2022 1:28:07	arif7172@rediffmail.com	Mohd Arif Ali Khan Pathar	Male	Professor	Maulana Azad College of	Aurangabad	9423456007
2/15/2022 6:14:27	rayyanp0747@gmail.com	Pathan Rayyankhan Salir	Male	Student	Dr Rafiq zakaria campass	Aurangabad	8956868483
2/15/2022 6:16:30	qudsiasyeda1@gmail.co	Dr.Syeda Qudsia Begum	Female	Assist. Professor	Dr.Raqiq Zakeria center f	Aurangabad	9975848755
2/15/2022 6:45:47	shaikhsadiqa78@gmail	Shaikh Sadequa anjum	female	BSc 3rd year	Maulana azad college	aurangabad	9607646240
2/15/2022 8:41:20	pathanabjal@gmail.com	ABJAL PATHAN	Male	Research Scientist	Naveen Saxena Researc	Gandhidham	7499724494
2/15/2022 8:44:24	arpitavharte@gmail.com	Arpita ambaji varte	Female	Good job	Akis poona collage	Pune	8830866360
2/15/2022 8:47:36	mulaniazar7840@gmail.c	Azaruddin Rafik Mulani	Male	M.Sc	Poona College/ Pune Uni	Pune	9309595994
2/15/2022 9:50:17	akashmohite957@gmail.c	Akash Appasaheb Mohite	Male	Environment Awareness	Dr Babasaheb Ambedkar	Aurangabad	8308018215
2/15/2022 9:51:04	sayyedsamir8888@gmail	Sayyad sameer kasim	Male	Awearness	Maulana Azad collage of	Aurangabad	9420418538
2/15/2022 9:52:23	bharats1980@yahoo.in	Bharat Balsing Saindane	Male	MSc Organic Chemistry	Dr. Rafiq Zakaria campus	Chopda Jalgaon	9850869879
2/15/2022 9:54:12	bhimrajgawade@gmail.c	Dr. Gawade Bhimraj Nam	Male	Assistant Professor	Anandrao Dhonde Alias B	Kada	9730667854
2/15/2022 9:55:36	sahiransari810@gmail.c	Sahir Firoz Ansari	Male	TYBSc (Chem)	poona college of arts scie	Pune	09067186945
2/15/2022 9:56:49	sagarshelke011@gmail.c	Sagar Ramesh Shelke	Male	MSC	Maulana Azad College Au	Aurangabad	9049374861
2/15/2022 9:57:40	awez17637@gmail.com	Sayyed awez sayyed Tay	Male	Student msc.organic chem	Maulana azad college au	Dongaon dist.buldhana	7218409357
2/15/2022 9:59:04	nitinbutte364@gmail.com	Butte Nitin Walmik	Male	M. Sc F. Y. (A.C.)	Dr. Rafiq zakaria campus	Auragabad	8380066285

Timestamp	Email	Full Name	Gender	Designation	College/University	City	Contact Number
2/15/2022 10:02:06	rushimane4242@gmail.com	rushikesh anil mane	male	msc 1st AC	HL COLLEGE AAURANG	karad	7517855177
2/15/2022 10:02:50	chetan951999@gmail.com	Chetan Jeevan Bhadane	Male	Msc Fy	Dr. Rafiq zakariya campus	Aurangabad	7666334800
2/15/2022 10:04:56	ayeshakhan848494@gmail.com	Khan Ayesha Mohammad	Female	Student	Molana azad clg	Aurangabad	9730665090
2/15/2022 10:07:44	kulkarnimakrandfy@sanji	MAKRAND VIJAY KULKA	Male	Assistant Professor	Sanjivani College Of Engi	Kopargao	9850053055
2/15/2022 10:10:34	shardulsawant1252@gmail.com	Shardul rangraw sawant	Male	MSc AC	HL COLLEGE AND BAML	Karad	8888611753
2/15/2022 10:10:50	indirabaisane@gmail.com	BAISANE INDIRABEN AF	Female	Msc. 1st year	Maulana azad clg aurang	Dhule	7498804036
2/15/2022 10:16:13	marzoqdarhani@gmail.com	Marzoq Ali Saleh Al Dhari	Male	Student	Azad college	Aurangabad	09156366026
2/15/2022 10:18:44	Khanahetesham80@gmail.com	Khan Ahetesham iftekhar	Male	Msc Msc year (OC)	Maulana Azad college	Aurangabad	7387623538
2/15/2022 10:24:17	sutarvishal077@gmail.com	Vishal Pandurang Sutar	Male	D	Shivaji University	Nipani	7899628271
2/15/2022 10:28:41	shehbazansari105@gmail.com	Shehbaz Firoz Ansari	Male	TYBSc (Chem)	Poona college of arts scie	pune	7972206904
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2/15/2022 10:44:01	sanjayprajya@gmail.com	Dr. Sanjay Gupta	Male	Associate Professor in Ch	SCVB Govt. College, Pal	Palampur	9418069713
2/15/2022 10:53:15	vnaiknaware77@gmail.com	Mr Vishal Vilasrao Naikna	Male	Assistant Professor	Swa Sawarkar College, B	Beed	9890944857
2/15/2022 11:04:01	daklevandana23@gmail.com	Vandana Trimbak Dakle	Female	Student	Maulana Azad college	Aurangabad	7774829872
2/15/2022 11:09:57	baseershaikh@gmail.com	Shaikh Abdul Baseer	Male	Assistant professor	Sir Sayyed College of Art	Aurangabad	9823614730
2/15/2022 11:10:34	abhimau123butele@gmail.com	ABHISHEK PRADEEP B	Male	Student	Maulana Azad College	Aurangabad	8330995884
2/15/2022 11:12:23	ashishkakade1712@gmail.com	Ashish Dilip kakade	Male	Students	Maulana azad college art	Aurangabad	8788807378
2/15/2022 11:15:55	shoebpeerzade@gmail.com	PEERZADE SHOEB ALA	Male	Assistant professor	Milliya Arts Science and	B Beed	9423469853
2/15/2022 11:17:06	swapnilpatilthakare@gmail.com	Swapnil Prakash Patil	male	student	Moulana Aazad College A	AMALNER	7020432552
2/15/2022 11:18:17	minhajchishy013@gmail.com	Chishly Sayyeda Nabeela	Female	Student	Dr.rafiq Zakaria center fo	Aurangabad	7558306220
2/15/2022 11:23:35	ameerkhan.akot@gmail.com	Ameer khan Samiullah kh	Male	Lecturer	Milliya jr college of arts ar	Beed	8459778562
2/15/2022 11:29:44	mehsyed123@gmail.com	Ms.Mahajabin Nisar Ahm	Female	Assistant Professor	Maulana Azad College of	Aurangabad	9403824448
2/15/2022 11:32:27	skifraht@gmail.com	Dr. Shaikh Ibrah Fatema	Female	Assistant Professor	Maulana Azad College	Aurangabad	9420428646
2/15/2022 11:34:48	aditimaca@gmail.com	Dr. Aditi Bhattacharya	Female	Professor and Head , Mic	Maulana Azad College of	AURANGABAD	09823581884
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2/15/2022 11:54:46	ramshaiffat1998@gmail.com	Ramsha Iffat syed.kalimu	Female	Student (M.sc organic ch	Dr.Rafiq zakaria college fo	Aurangabad MH	9175725744
2/15/2022 11:56:04	ukasema@gmail.com	Syed Ummul Khair Asem	Female	Assistant professor	Maulana Azad college of	Aurangabad	07798082852
2/15/2022 11:56:56	nikhilmahale205@gmail.com	Nikhil Navnath Mahale	Male	Analytical Chemistry	Maulana Azad College Au	Aurangabad	9637242128
2/15/2022 11:59:02	Fariyafatema@gmail.com	Fariya Fatema Mohammed	Female	Student	Maulana azad college of	Aurangabad	8459252442
2/15/2022 12:05:45	Khankhizra208@gmail.com	Tadvi Khizra Fatima Tadvi	Female	Student	Dr. Rafiq Zakaria college	Aurangabad	9552082083
2/15/2022 12:07:51	00amrullah@gmail.com	Muhammad Amrullah	Male	Student	Dr. Babasaheb Ambedkar	Aurangabad	8412825146
2/15/2022 12:13:54	priyanka.jojo2@gmail.com	Priyanka Jojo	Female	Assistant Professor	J.N College	RANCHI	+918709632650
2/15/2022 12:14:35	padmapadmajja439@gmail.com	Padmaja Vasamsetti	Female	Student	Nil	Kakinada	9247323937
2/15/2022 12:15:38	Samirshaha1232@gmail.com	Samir sandu shaha	Male	H	Molana azad college aurn	Aurgabad	9158591091
2/15/2022 12:17:04	manikkaraj.gm@gmail.com	G.MANIKKARAJ	Male	Student	DGVAISHNAVACOLLEGE	CHENNAI	9499005037
2/15/2022 12:18:17	uaneetu@gmail.com	Dr Neetu Yadav	Female	Lecturer Chemistry	GGIC khailiabad Santkab	Khailiabad	9161855427
2/15/2022 12:18:27	kumar.rahu1534@gmail.com	Rahul Kumar	Male	Scientific Assistant	DFSL Hotwar Ranchi	Ranchi	8340714075
2/15/2022 12:21:54	jeevankhambe2010@gmail.com	Jeevan Sambhaji Khambe	Male	MSc -I	Dr. Rafiq zakaria campus	Karad	7038976729
2/15/2022 12:27:26	smussaddique@gmail.com	Shaikh Mussadique Ahm	Male	Assistant professor	Maulana Azad College Re	Aurangabad	8483854004
2/15/2022 12:32:00	sibsankarpalitstart@gmail.com	Sibsankar Palit	Male	Undergraduate student	City College, Kolkata (Un	Siliguri	9903753607
2/15/2022 12:43:10	t.tanzeela21@gmail.com	Tanzeela Tayyab Tamboli	Female	Student	Poona college of arts scie	Pune	7666355228
2/15/2022 12:43:35	billzsk498@gmail.com	Bilal Ashfaqe Shaikh	Male	Student	Poona College of Arts Sci	Pune	9823269154
2/15/2022 12:46:25	bharatvalekar2000@gmail.com	Bharat Ashok Valekar	Male	Student	Poona college	PUNE	9172293302
2/15/2022 12:47:09	mominmishfa01@gmail.com	Mishfa Mainuddin Momin	Female	Student	Poona college of Arts Sci	Pune	8308505984
2/15/2022 12:53:42	patilsandhya163@gmail.com	Sandhya Pralhad Patil	Female	Student	Mulana azad college of a	Waghadi bk	09699224289
2/15/2022 12:54:08	vijayamane30@gmail.com	Mane Vijaya Parmeshwar	Female	Student	AKI's Poona College	Pune	7620570413
2/15/2022 12:56:09	ayaj8080@gmail.com	Ayaj Isak Sayyad	Male	Msc 1 student	Poona clg of science/ sav	Vadgaon rasai	9975097480
2/15/2022 12:56:56	skaysha8149@gmail.com	Shaikh Ayesha Begum Gi	Female	Student	Dr. Rafiq Zakaria Campus	Aurangbad	8605048735
2/15/2022 12:57:39	akshaybhagat47852@gmail.com	Bhagat akshay balbhim	Male	Msc - 1st year	Poona college of Art's sci	Poona	9579467977
2/15/2022 12:58:40	aarbajamadar0707@gmail.com	Jamadar Aarbaj Nabi	Male	Student	Poona College Of Arts, sc	Pune	9689543655
2/15/2022 12:58:49	rehanzaheer04@gmail.com	DR Mohd Rehan Zaheer	Male	Assistant professor	GCMT Aligarh	ALIGARH	09358913559
2/15/2022 13:00:15	rehanzaheer04@gmail.com	Dr Mohd Rehan Zaheer	Male	Assistant professor	GCMT Aligarh	Aligarh	09358913549
2/15/2022 13:05:01	anandmutha60@gmail.com	Mutha Anand Popatlal	Male	M.Sc organic chemistry s	Ahmednagar college Ahm	Ahmednagar	7720980037
2/15/2022 13:09:33	Sdayaan98@gmail.com	Sayed airam	Female	.	Maulana azad college aur	Aurangabad	9970864277
2/15/2022 13:09:54	vijichem2018@gmail.com	VIJAYA LAKSHMI P	Female	Research Scholar	Tamil Nadu Open Univer	Chennai	9791270782
2/15/2022 13:13:13	mahidakulsum2@gmail.com	Mahida kulsum	Female	Student	Azad college of arts scien	Aurangabad	9975961122
2/15/2022 13:13:42	ashfaqe14102000@gmail.com	Ashfaqe Ibrar Shaikh	Male	MSc 1	Poona college of arts , co	Pune City	7030368854
2/15/2022 13:14:14	ansarihassan446@gmail.com	Ansari Mohammad Hassa	Male	T.Y.B.Sc (chem)	Poona College of Arts Sci	Pune	9325046727
2/15/2022 13:16:36	mshasoltan@gmail.com	Shasoltan Myratgulyyeva	Female	TYBSc	Poona college	Pune	8329502256
2/15/2022 13:17:00	sansicodias@gmail.com	Sansico Dias	Male	Assistant Professor	Rosary College of Comm	margao	7972073014
2/15/2022 13:17:06	shaikhmunira27@gmail.com	Munira Iqbal Shaikh	Female	Student	AKI's Poona College of Ar	Pune	8975612039
2/15/2022 13:19:22	abhijeetkalambe12@gmail.com	Abhijeet Nandkumar Kala	Male	MSc (Organic Chemistry)	Poona College Of Arts Sc	Pune	8788226832
2/15/2022 13:23:33	harshalgaware98@gmail.com	Harshal Ramesh Gaware	Male	Msc appear 'y	Dr. Babasaheb Ambedkar	Aurangabad	9881052431
2/15/2022 13:25:40	anuradhachougule2020@gmail.com	Chougule Anuradha Akob	Female	-	Devchand College, Shivaj	Kolhapur	9036187718
2/15/2022 13:26:29	mohmdfaiz.nalband002@gmail.com	Mohammad Faiz Nalband	Male	Student	Poona college of arts scie	Mahabaleshwar	9834473241
2/15/2022 13:27:35	Khalidmaner123@gmail.com	Khalid Dastgir Maner	Male	Student	Akis Poona College	Pune	8624856367
2/15/2022 13:29:01	vikasmahto1011@gmail.com	VIKAS ASHOK MAHTO	Male	Student	AKI's POONA COLLEGE	Pune	7020740271
2/15/2022 13:31:01	Ksmulla181@gmail.com	Kausar Sameer Mulla	Female	Msc 1(chem)	Akis poona college	Pune	7066751553
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2/15/2022 13:49:04	pkalirajanjao@gmail.com	Mr. P. KALIRAJ	Male	Research Scholar	Ayya Nadar Janaki Amma	Sivakasi	6369125366
2/15/2022 13:50:17	Dr. Shazia Khanum mirza	Dr. Shazia Khanum Mirza	Female	Assistant Professor	Dr Rafiq Zakaria centre fo	Aurangabad	8805949003
2/15/2022 13:52:38	taklesa1986@gmail.com	Shyam Appasaheb Takle	Male	Assistant professor	Dr. BAMU	Devulgaonraja	9921684561
2/15/2022 13:53:52	fatimasayed1323@gmail.com	Sayed Fatima Zainulabed	Female	Student	Poona College of Arts, Sc	Pune	7820811200
2/15/2022 13:55:21	krajahpd2012@gmail.com	Dr.K.Raja	Male	Assistant professor of che	St Joseph University Dimi	Dimapur	9894962899
2/15/2022 14:02:28	taufikshaikh8421@gmail.com	Taufik shafik shaikh	Male	Student	Maulana Azad college of	Aurangabad	8421534780

Timestamp	Email	Full Name	Gender	Designation	College/University	City	Contact Number
2/15/2022 14:03:13	mdaasim8470@gmail.com	MOHAMMED AASIMODI	Male	MSC 2 YRS	Maulana azad Collage sci	Aurangabad	9657031966
2/15/2022 14:05:22	ummehanis932@gmail.com	Umme Hani Salma	Female	Students	Maulana Azad College of	Aurangabad	9975107946
2/15/2022 14:06:35	hebatullahalam@gmail.com	MD HEBATULLAH	Male	Pursuing Graduation	Maulana Azad College Au	Akola	7255851907
2/15/2022 14:07:59	9822837366m@gmail.com	C Archana Bhujangrao Shir	Female	Student	Marathwada university	Aurangabad	9822287366
2/15/2022 14:08:04	vaishnavimalbhage28@gmail.com	Malbhage Vaishnavidevi F	Female	Msc	Sppu	Pune	7249601008
2/15/2022 14:11:38	smit16111999@gmail.com	PATEL SMIT BHARAT BH	MALE	pg student	Smt.g.b.pavaya & p.s.pav	Mehsana	9316253250
2/15/2022 14:20:02	shaikhazmeen14@gmail.com	Shaikh Azmeen	Female	M.sc, B.ed	Dr.babasaheb Ambedkar	Aurangabad	7843002133
2/15/2022 14:26:35	dilipsondani@gmail.com	Dr.Dilipkumar Ishwarlal Si	Male	Assistant professor	L.R.VALIYA ARTS AND P.	Bhavnagar	8460249886
2/15/2022 14:41:27	inamdarazharuddin@gmail.com	INAMDAR AZHARUDDIN	MALE	SCHOOL TRAINING NO	AROHAN ACADEMY EN	AURANGABAD	9765954166
2/15/2022 14:45:01	ashfaqamk@gmail.com	Ashfaqe M. Khan.	Male	Assistant Professor	Maulana Azad College of	Aurangabad	09637777482
2/15/2022 15:08:04	div.lakshmi2010@gmail.com	Divya R.V	Female	Lecturer	AICTE	Erode	9789324549
2/15/2022 15:09:02	tamilselvichemistry2008@gmail.com	Tamilselvi K	Female	Lecturer	Kongu polytechnic Colleg	Erode	9942773409
2/15/2022 15:09:14	vyawaharesuraj441@gmail.com	Suraj Sanjay vyawahare	Male	Students	Dr. Rafiq Zakaria center f	Aurangabad	07276050975
2/15/2022 15:12:53	kpcchemistrysech@gmail.com	RANJANI D	FEMALE	LECTURER	KONGU POLYTECHNIC	ERODE	9600270142
2/15/2022 15:23:37	yadavakash63457@gmail.com	Akash vasant yadav	Male	Student	Poona college of arts con	Lonavala	9112916641
2/15/2022 16:01:05	anandankv@gmail.com	VIVEKANANDAN K	Male	Senior Lecturer	KONGU POLYTECHNIC	Erode	9952877909
2/15/2022 20:37:44	aniketpawar112211@gmail.com	Pawar Aniket Suresh	Male	Environment Awareness	dr.babasaheb ambedkar r	Aurangabad	8605185821
2/15/2022 20:53:25	waghomkar237@gmail.com	Omkar suresh wagh	Male	MSC 1 year	Dr rafiq Zakaria campus f	Aurangabad	7769905962
2/15/2022 21:33:48	Ajaymohite261997@gmail.com	Ajay Raghunath mohite	Male	Invarnement	Dr Babasaheb Ambedkar	Aurangabad	7387394189
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2/16/2022 10:35:59	mohammadshahidab@gmail.com	MOHAMMAD SHAHID A	Male	Student	Reva University	Bangalore	9742261413
2/16/2022 12:22:08	navnathaswale123@gmail.com	Aswale Navnath Rajendr	Male	Student	S. N. Arts, D. J. Malpani C	Akole	7588739027
2/17/2022 0:10:46	khanzubiya34@gmail.com	Zubiya khan	Female	Msc	Dr. Rafiq zakaria campus	Aurangabad	8007525545
3/2/2022 18:10:39	mohammadshahidab@gmail.com	Mohammad Shahid A B	Male	Student	Reva University	BANGALORE URBAN	09742261413
3/3/2022 18:02:48	Kaleemuddin0075@gmail.com	Siddique Mohd kaleemud	Male	Student	Bamu	Aurangabad	7058066044
3/15/2022 13:34:11	adejayshree9@gmail.com	2012052	Female	SY Bsc	Sharad college of Sarath	Pune	9322765511

Green Chemistry

A Sustainable Approach



Dr Prashant Netankar
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Associate Professor of Chemistry
Department of Chemistry
Maulana Azad College, Aurangabad
pdnetchem@gmail.com





ACTIVITY REPORT
(2021 - 2022)

I. Basic Details:

Name of The Activity: <u>Self-Employment Workshop- Offline Training Session On Website Development</u> <u>Using Bootstrap</u>			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
7 th & 19 th February 2022	Computer Science & BBA(CA)	Computer Science & BBA(CA)	Ms.Ishrat Baig 9112373783 Mr.Farooque Shaikh 7378664063
Time	Venue	Activity for class/ group student number	Nature: Academic/co- curricular / extracurricular/ Environmental/ social/ other
10:00 am- 5:00 pm	Lab-I	(T.Y.B.Sc (CS) + (T.Y.B.B.A (CA))+ (S.Y.B.B.A (CA) + S.Y. BSc(CS)=Total 59	Co-curricular

II. Brief Information about the Activity (Criterion no -)::

Topic/ Subject of the activity	Self-Employment Workshop- Offline Training Session On Website Development Using Bootstrap Provide the opportunity to every students for developing the website using bootstrap. And learn how to work on live projects.
Objective for conducting the activity	Make each and every students working on bootstrap and developing the responsive web pages. To Boost their knowledge of HTML & CSS and give a confidence for work on live project and make them prepare for self-employment..
Methodology	Power point presentation, C compiler.
Outcome	The session upgraded the knowledge of the student make them confident enough to Stand in the battle of development of website. Every participant was confident and Happy after attending the session.

**III. Proofs attached: letters/ student list of participation/ certificate/
document/photos/ any other**

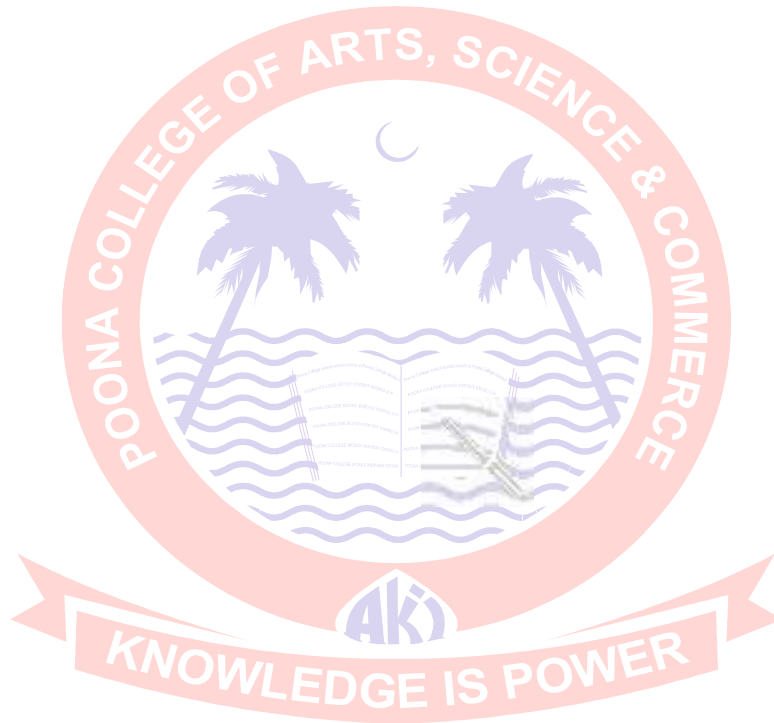


Y & M Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Affiliated to Savitribai Phule Pune University: ID No. PU/PN/ASC/023/1970)

1. Participants list	2. Photos	3. Report in documentation
4. Certificates	5.	6.



Department of Computer Science, BBA (CA)

NOTICE


DATE: - 4/02/2022

Self-Employment One Weak Workshop- Offline Training Session on Website Development Using Bootstrap


All the students of FY/ SY/ TY Computer Science & BBA (CA) are hereby informed to attend the "Self-Employment One Weak Workshop- Offline Training Session

On Website Development Using Bootstrap" which will be held on 7th February 2022 to 12th February 2022 at 10:00am in computer science Lab.

ATTENDANCE is compulsory for all students.


Dr. Shabana Shaikh

Head
Department of BBA-CA


Prof. Dr. Aftab Anwar Shaikh

Principal

**AKI's
POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE
CAMP, PUNE**

Department of Computer Science, BBA (CA)

**Self-Employment One Week Workshop- Offline Training Session
On Website Development Using Bootstrap**

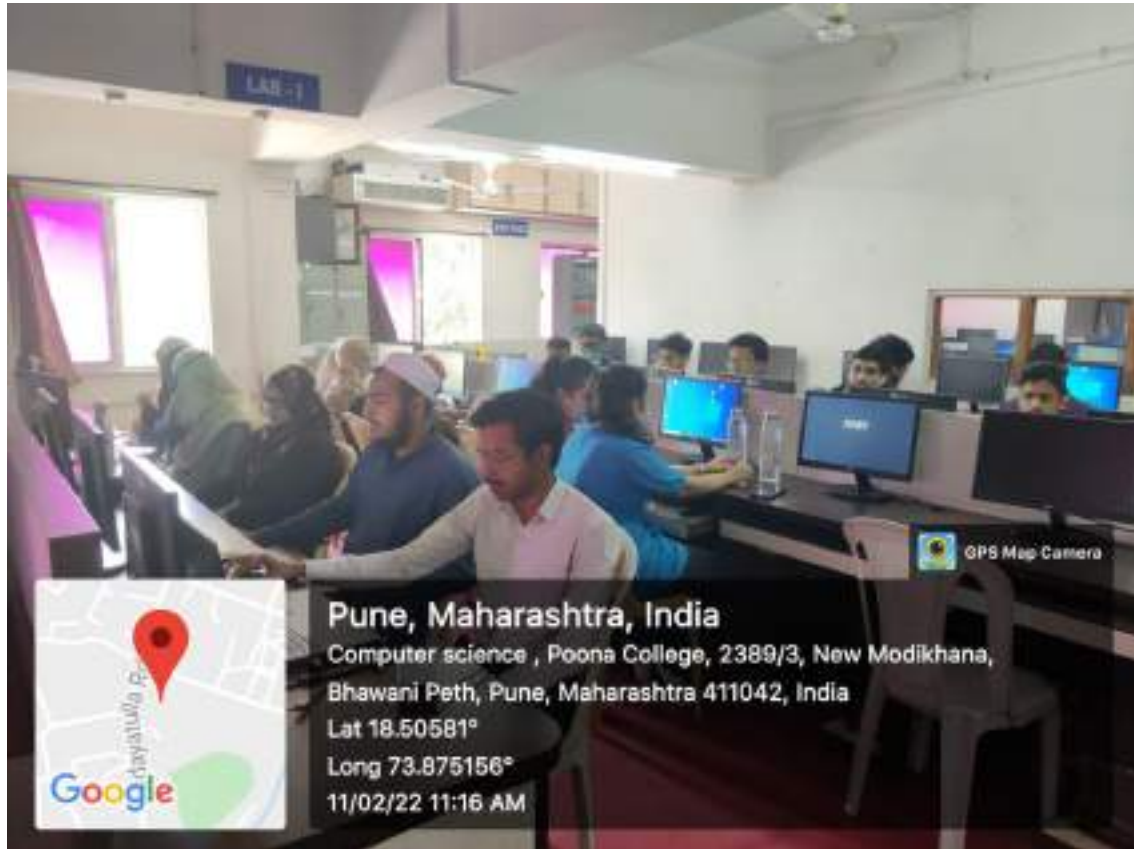
Batch One

7/2/2022 TO 12/2/2022

Department of Computer Science & BBA (CA) of Y & M AKI's Poona College of Arts, Science and Commerce, Pune organized 2 day's session on **"Self-Employment Two Days Workshop- Offline Training Session On Website Development Using Bootstrap"** was held on **11th to 12th of February 2021 at 10:00 am to 5:00 PM** coordinated by Miss. Ishrat Baig and Mr. Farooque Shaikh. Under the guidance of Principal Dr. Aftab Anwar Shaikh & In charge Head of Computer Science Department & HOD BBA (CA) Department Dr. Shabana Shaikh. First day session based on how to get paid DNS & hosting. How to make website by using design lay out. How to work on control panel how to handle more than one website at same c-panel.



Self-Employment Two Day's workshop Day1



Students Take part in 2 Day's session

Program Day 2 was started by Tilawat-e-Quran as per the tradition of an institution. Tilawat is proposed by Mr. Moin Shaikh student of T.Y.B.B.A (CA).



Tilawat-e-Quran By T.Y.B.B.A.(CA) 2 Day Web Development Session



Mr. Swami Panjal Interacting the student



Session Started



Mr. Swami Panjal Explaining the content that he has to cover



Students taking interest in session

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA .B.VOC

Date: 01/02/2022

Time: 10:00 AM to 5:00 PM

Venue:

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Mr. Farooque shaikh Ms. Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Mohamimool Arjeel	8550901887	8801	Mohamimool
2	Mohammed Raji Al Taha	7992540207	8859	Mohammed Raji
3	Ashika Subaib Pungal	9373655104	8919	Ashika
4	Jha Nitesh	9373655104	8865	Jha Nitesh
5	Suwaleha Barakat	9579686287	8840	Suwaleha
6	Anya Anand Barwade	9359045327	8874	Anya
7	Aysha Zaher Kazi	7249730835	8849	Aysha
8	Muhammad Aslam Bhatt	9623107434	6601	Muhammad
9	Zaid Shaikh	3659008065	6604	Zaid
10	Moin Shaikh	8785527313	6650	Moin
11	Umar Baqwan	9689162838	6605	Umar
12	Ahmed Zaman	7319630054	8620	Ahmed
13	Fatima Zehra	8805193284	8821	Fatima
14	Rida Patel	7038024324	9059	Rida
15	Mahak Shaikh	8120066052	8926	Mahak
16	Nayasha John Gunraj	9766516221	6504	Nayasha
17	Nayasha John Gunraj	9175012396	6508	Nayasha
18	Areeba Sajjan	7745030956	8810	Areeba
19	Saima Jabeen Md. Q.	9503686291	8806	Saima
20	Swaraha Sajid Shaikh	6459042978	8878	Swaraha
21	Shaikh Saheb Naqem	9579365406	9037	Shaikh
22	Rubina Nazir Patel	8010906561	8856	Rubina
23	Azizullah Khan	7517990626	8869	Azizullah
24	Sufiana Saayyed	9307334381	8860	Sufiana
25	Mubashir Shaikh	9765276670	8817	Mubashir
26	Gulam Husain Khan	7743877528	6570	Gulam
27	Amr Anwar Shaikh	8378838909	9116	Amr
28	Sunil Saloh Nazir	8855051663	8964	Sunil
29	Muhammad Shaikh	7507901809	9002	Muhammad
30	Farhan Qureshi	8611997936	9035	Farhan

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 07/02/2022
 Time:- 10:00 AM to 5:00 PM
 Self Employment Workshop
 Venue:-
 Comp. Sci. Lab
 Teacher's Incharge: Mr. Farouque Shaikh Ms. Baig Jehrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Armaan Nalband	715815850	8876	Nalband
2	Rameed Khabala	758665039	8820	Rameed
3	Saaliem Mungkar	9152158811	8805	Saaliem
4	Admir Shukh	915674887	9029	Shukh
5	Admir Shukh			
6	Nasir Khan	90777777	9012	Nasir
7	Shaukh Abrar	897523787	9058	Abrar
8	Huzair Khan	8530166633	8902	Huzair
9	Abhishek Kusalkar	885140531	8924	Kusalkar
10	Akhil Pinjari	876419870	8926	Pinjari
11	Ahmed Javed Shaikh	7305520320	8642	Shaikh
12	Huzair Kazi Sayyed	756982554	8937	Sayyed
13	Atif Khan Pathan	8329780269	9012	Pathan
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 Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 08/2/2022

Time: 10:00 AM to 5:00 PM

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Mr. Farooque shaikh Ms. Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Aman Kishor Pachhota	8329780269	9012	Aman
2	Saifan Gafar Sayyad	7219275209	8834	Saifan
3	Amaan Majid Makhani	785151950	8876	Majid
4	Saifan Javed Makhani	9157458804	8873	Saifan
5	Muzaffa Kazi Sayyad	7885520325	8842	Muzaffa
6	Yash Mahyade	785565015	8820	Yash
7	Aki Shaikh	7841948970	8926	Aki
8	Abhinav Pinjari	8975140331	8924	Abhinav
9	Alifkha Anika Pathan	7256983554	8837	Alifkha
10	Oman Sameer Sayyad	9767583341	8875	Oman
11	Abhishek Kusalkar	8530162435	8902	Abhishek
12	Shaikh Mubashir	9765274670	8817	Shaikh
13	Muzay Khan	8975237850	9058	Muzay
14	Shaikh Abrar	807587883	9048	Abrar
15	Farhan Buresh	811997986	9034	Farhan
16	Adarsh Shaikh	9156314897	9029	Adarsh
17	Nourman Shaikh	7507901365	9002	Nourman
18	Gulam Husain Khan	7743837828	6570	Gulam
19	Abi Anwar Shaikh	7432964022	9110	Abi
20	Mid Mustafa K. Mallekhari	9404890404	8803	Mustafa
21	Sundar Saloh Noor	8855051663	8906	Sundar
22	Sayyad Subhan	9307334359	8860	Subhan
23	Asadullah Khan	7517990006	8869	Asadullah
24	Shaikh Sabir Nazem	9579305405	9037	Sabir
25	Fatima Zahra	8808193284	8821	Fatima
26	Arya Anand Barikode	9351045327	8879	Arya
27	Anoosha Sajjan	7745091858	8810	Anoosha
28	Ayesha Kazi	7249730828	8849	Ayesha
29	Arisha Pangal	473655704	8919	Arisha
30	Swalaha Zarekari	473655704	8840	Swalaha

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

Computer Science & B.B.A(CA)

Date:- 09/02/2022

Time:-10:00 AM To 5:00PM

Self-Employment Two Day Workshop- Offline
Training Session On Website Development
Using Bootstrap

Venue:-

Lab-1

Total Number of Students Attended:

Teacher's Incharge: Ms. Baig Ishrat & Mr.
Faroque Shaikh

Sr.No	Name	Contact	Roll No	SIGN
1	Atifkha Arifkha Pathan	7156187556	8837	Atifkha
2	Ashlath Pinyai	8715140332	8824	Ashlath
3	Danish Mahedat	7059665075	8820	Danish
4	Salim Javed mapkar	9137458801	8803	Salim
5	Aman mayid adnan	7588151850	8876	Aman
6	Saifna Gaffar Sayyad	7219275702	8831	Saifna
7	Aman Kishor Panthol	8329780569	9012	Aman
8	Shaikh Mubashir	9125271670	8817	Mubashir
9	Shaikh Abhishek	507587863	9042	Abhishek
10	Farhan Ahsan	911997926	9036	Farhan
11	Aamir Amin Shaikh	915621689	9009	Aamir
12	AKIF-Shaikh	784194870	8926	AKIF
13	Aman-Samir-Samir	8767583341	8875	Aman
14	Huzaf-Khan	8976237850	9098	Huzaf
15	md mustafa H.M	9104850161	2223	Mustafa
16	Swadhe Salah nazim	8855051663	8904	Swadhe
17	Shaikh Saher maleem	9579365406	9037	Saher
18	Fatema Zahed	8801519728	8821	Fatema
19	Noman-Shaikh	7607901369	9062	Noman
20	Assadullah-Khan	7617990626	8869	Assad
21	Aeyna Ahmad	9959015327	8074	Aeyna
22	Aeysha Sajjan	77150309568	8810	Aeysha
23	Huzefa-Kaif S	7385520325	8842	Huzefa
24	Saifan-Ahishel G.	857062433	8902	Saifan
25	Aysha Kagi	7249730835	8849	Aysha
26	Aarisha Parooj	973655704	8919	Aarisha
27	Gulshan-Hussaini-Chan	7743877629	6570	Gulshan
28	Arif-Ansarali	8432964028	9110	Arif
29	Jha-Hitesh	8246044482	8865	Hitesh
30	Swaleha Zafar	913685704	8840	Swaleha

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Signature of Faculty Incharge

AKI's Puna college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA/CA

Date: 10/02/2023

Time: 10:00 AM to 1:00 PM

Year:

Comp. Sci Lab

Total Number of Students Attended:

Teacher's Incharge: Ms. Farooq Shaikh Ms. Hany Inayat S

Sr.No	Name	Contact	Roll No	Sign
1	Indira Madan Khos	2213819518	6570	
2	Arroba Sajjan	7745180956	8310	
3	Nayanka Jai Gungaj	918012396	6052	
4	Nayanka Jai Gungaj	976631622	6514	
5	Mahak Shaikh	820066111	8277	
6	Rida Patel	7036071324	7057	
7	Sahar Zahar	880191884	8021	
8	Ahmad Zaman/BQ	937461017	7327	
9	Uma Bagwan	9689162435	6655	
10	Hein Shaikh	8788527312	6650	
11	Fauzan Bhatti	9823107431	6116	
12	Zaid Shaikh	8855006865	6654	
13	Shaikh Sahar Nazem	9579305106	9037	
14	Shaikh Salma Jabbar	950368629	8816	
15	Fahd Rubiya Nazir	900926841	5127	
16	Santika Sajid Shaikh	945944200	2270	
17	Moham mad Ayid	811008998	8801	
18	Mohammed Fajri J Patel	7972540207	8852	
19	Shaikh Mubashir	9765276670	8877	
20	Jha Hitesh Shikhar	8446040402	8865	
21	Aysha Zaher Kazi	7249730120	8849	
22	Arya Arund Ramal	935904507	8874	
23	Anika Pangal	937365570	8910	
24	Swalika Zarekani	957963607	8860	
25	Ms. Mustafa K. Mallekhan	7404850464	8823	
26	Armaan Nalband	758618300	8876	
27	Saahin Markat	9157415880	8803	
28	Surdke Salah Nozr	8855057667	8904	
29	Aradh Mahdie	705866903	8820	
30	Huzaf Khan	8073947513	9055	

7850

Pg. No. _____ of _____ (Total Pages)

Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01
Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:-

Time:-10:00 AM to 5 :00 PM

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher/s Incharge: Mr.Farooque shaikh Ms. Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Shaikh Akbar	865788788	9042	Shaikh
2	Asadullah Khan	961799052	8869	Akhan
3	Sayyed Subhan	930733438	8960	Subhan
4	Shaikh Mubashir	976577687	8817	Mubashir
5	Huzafa Kazi Sayyed	7385520525	8842	Sayyed
6	Dr. Anwarul Shaikh	9243794008	9110	Anwarul
7	Mohammad Shaikh	7507901369	9002	Mohammad
8	Aman Pathan	8329786268	9012	Aman
9	Fauzan Buxaria	8411997936	9034	Fauzan
10	Amin Shaikh	9156344897	9029	Amin
11	Abdullah Pathan	7756967554	8637	Abdullah
12	Akhil Poojari	9975140331	8924	Akhil
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AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date: 11/02/2021 (Day 1)

Time: 10:00 AM To 5:00 PM

Self Employment Workshop -Offline training session on Website Development using Bootstrap. Two days Work Shop

Venue:-

Camp. Sec. Lab

Total Number of Students Attended:

Teacher's Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh

Sr.No	Name	Contact	Roll No	SGN
1	Sayed Sufyan Ahsan	9807334381	8860	Sayed
2	Khan Asadullah	951799000	8869	Khan
3	Sundike Salah	885505167	8874	Sundike
4	Md. Mustafa Khalil Mallebani	9404850461	8822	Md. Mustafa
5	Arif Anwarul Shaikh	8378888207	9110	Arif
6	Shalikh Abrar	8007587883	9048	Shalikh
7	Huzaim Khan	897523785	9058	Huzaim
8	Amam Sheikh	9156313897	9029	Amam
9	Nouman Shaikh	7507901369	9002	Nouman
10	Rida Patel	7038024324	9059	Rida
11	Mahak Shaikh	8190000052	8824	Mahak
12	Nayasha John Gunraj	966316221	6504	Nayasha
13	Nayana John Gunraj	9175012396	6508	Nayana
14	Shaikh Zaid A.S	6055001445	6604	Shaikh
15	Muhammad Shaikh	8744527312	6650	Muhammad
16	Ayesha Kazi	7249730835	8849	Ayesha
17	Shalikh Sabeha Naem	9579305406	9037	Shalikh
18	Tatiana Zhan	8805193284	8821	Tatiana
19	Aradhya Sajjan	7745030986	8810	Aradhya
20	Mohd. Raji J. Patel	7972540209	8853	Mohd. Raji
21	Shah. Vikash. Shekhar	8446049407	8865	Shah. Vikash
22	Mahammed Asjad	8550909889	8802	Mahammed
23	Mulbaalshiy Shaikh	976527467	8817	Mulbaalshiy
24	Aman Kishor Pacharoni	8529780269	9012	Aman
25	Atifkha Aifkha Patan	7756983554	8837	Atifkha
26	Huzaima Kazi Sayyed	7385520328	8842	Huzaima
27	Mohd. Umar Akram Bagwan	9689162838	6605	Mohd. Umar
28	Farooq Azlam Shaikh	9623104434	6601	Farooq
29	Hasan Salim Tamboli	8600811093	8906	Hasan
30	Ahij Javed Shaikh	7841948770	8926	Ahij

AKP's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 11/12/2021 (Day 1) Time:- 10:00 AM To 5:00 PM

Self Employment Workshop -Offline training session on Website Development using Bootstrap. Two days Work Shop

Venue:- Comp. Sci. Lab

Total Number of Students Attended: Teacher's Incharge: Ms. Raig Ishtat & Mr. Farooque Shaikh

Sr.No	Name	Contact	Roll No	SIGN
1	Achlesh Z. Pijari	897514031	8924	Achlesh
2	Shubham Pandey	913699301	8836	Shubham
3	Afnan Shaikh	777690096	8809	Afnan
4	Nitesh Pandey	772698924	9136	Nitesh
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Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:- 12/2/2023

Time:- 10:00 AM to 5:00 PM

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Mr. Farooque Shaikh Ms. Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Arya Anand Ambade	9359045327	8876	
2	Ayesha Kazi	7249730838	8849	
3	Axisha Pangal	9373655704	8919	
4	Sha Hitesh Shetkar	8446049402	8865	
5	Mohammad Raji J. Patel	772540209	8853	
6	Mohammad Asjad	9550909988	9801	
7	Swalaha Sajid Shaikh	8459442910	8878	
8	Saima Jabeen Md. Q. T.	9503686231	8806	
9	Swalaha Zarekari	9579636287	8810	
10	Rubiya Nazir Patel	8010946541	8854	
11	Shaikh Saher Naeem	9579305406	9037	
12	Fawwaz Islam Shatti	9623107434	6601	
13	Moin Shaikh	8788527313	6650	
14	Zaid Shaikh	8355006865	6604	
15	Umar Bagwan	9687162838	6605	
16	Ahmad Zaman	7317630054	6620	
17	Zaid Shaikh			
18	Fatima Zehra	8805197284	8821	
19	Rido Patel	7038024324	9059	
20	Mahak Shaikh	9190066052	9824	
21	Shaikh Akbar	8007881883	9042	
22	Huzair Khan	8975237850	9058	
23	Nayasha John Gunday	9766366221	6504	
24	Naynika John Gunday	9175012396	6508	
25	Arooba Sajjan	7745030956	8810	
26	Saifan Sayyad	7219275203	8834	
27	Aman Pathan	8329980289	9012	
28	Oman Sayyad	837803017	8875	
29	Akil Shaikh	9841948770	8926	
30	Md. Mustafa K. Mallekhan	9904850464	8823	

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:-	Time:- 10:00 AM to 5:00 PM	
	Venue:-	Comp. Sci. Lab
Total Number of Students Attended:	Teacher's Incharge: Mr. Furouque shaikh Ms. Raig Ishrat S	

Sr.No	Name	Contact	Roll No	SIGN
1	Aamir Nalband	7722215000	8846	Signature
2	Amir Nalband	7722215000	8847	D
3	Amir Nalband Khan	7743872521	6570	Signature
4	Saahin Malik	9197458802	8805	Signature
5	Asadullah Khan	7517990626	8869	Signature
6	Sayed Subhan	930733420	8860	Signature
7	Shaikh Mubashir	9765274670	8817	Signature
8	Atif Khan	7756987554	8885	Signature
9	Huzefa Kazi Sayyed	7385520325	8842	Signature
10	Amir Shaikh	7741948770	8926	Signature
11	Amir Shaikh	8482764008	9110	Signature
12	Nouman Shaikh	7507901369	9002	Signature
13	Amir Shaikh	91563647	9029	Signature
14	Farhan Qureshi	841195792	7036	Signature
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(Total present)

Signature of Faculty Incharge

Y & M ARI'S
POONA COLLEGE OF ARTS, SCIENCE & COMMERCE
CAMP, PUNE

DEPARTMENT OF COMPUTER SCIENCE

NOTICE

DATE: - 13/02/2022

- All the students of FY/ SY/ TY Computer Science & BBA (CA) are hereby informed to attend the "Self-Employment One Week Workshop- Offline Training Session On Website Development Using Bootstrap" which will be held on 14th February 2022 to 19th February 2022 at 10:00am in computer science Lab.
- ATTENDANCE is compulsory for all students.



Dr. Shabana Shaikh

Head
Department of CS



Prof. Dr. Aftab Anwar Shaikh

Principal

AKI's
POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE
CAMP, PUNE

Department of Computer Science, BBA (CA)

Self-Employment One week Workshop- Offline Training Session
On Website Development Using Bootstrap

14/2/2022 TO 19/2/2022

“Self-Employment Two day’s Workshop- Offline Training Session on Website Development Using Bootstrap “Program Day was started by Tilawat-e-Quran as per the tradition of an institution. Tilawat is proposed by Mr. Moin Shaikh student of T.Y.B.B.A (CA). Immediately Mr. Swami Panjal has also thrown some light on the session content. Total 57 students were present in this session. Session based on how to get paid DNS & hosting. How to make website by using design lay out. How to work on control panel how to handle more than one website at same c-panel.



Tilawat-e-Quran Mr. Moin Shaikh student of T.Y.B.B.A (CA)



First Day Session Has started



Students attending the session 1



Pune, Maharashtra, India

Computer science , Poona College, 2389/3, New Modikhana,
Bhawani Peth, Pune, Maharashtra 411042, India
Lat 18.50581°
Long 73.875156°
16/02/22 11:37 AM

GPS Map Camera

Mr. Swami Panjal Start with introduction to content of the session



Pune, Maharashtra, India

Computer science , Poona College, 2389/3, New Modikhana,
Bhawani Peth, Pune, Maharashtra 411042, India
Lat 18.50581°
Long 73.875156°
16/02/22 11:38 AM

GPS Map Camera

Mr. swami Panjal explaining concept Of DNS By Using White Board





AKP's Poona college Of Arts, Science & Commerce, Pune-01				
Attendance Sheet				
Computer Science & B.B.A(CA)				
Date: 14/02/2022		Time: 10:00 AM To 5:00 PM		
Self-Employment Two Day Workshop- Offline Training Session On Website Development Using Bootstrap		Venue:	Lab-I	
Total Number of Students Attended:		Teacher's Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh		
Sr.No	Name	Contact	Roll No	SIGN
1	Hussain. Patel	9146718632	8877	Hussain
2	Salim. Mapkar	9137450804	8803	Salim
3	Anirish. Pandey	8469647821	9136	Nitesh
4	Sohail. Hafeez	8482815495	8910	Shaik
5	MD. HUSSAIN	8149202694	8944	Hussain
6	MD. ANAS	9860453308	8804	Anas
7	Abhishek. Kusalakar	8530162433	8902	Abhi.
8	Nash. Gapat	7598658172	8917	Nash
9	Pranjal. Mallali	8459676035	8831	Pranjal
10	Atharva. Bhaisai	7588222499	8827	Athar
11	Ayyan. Affan	8983900998	8818	Ayan
12	Shamim. Gureshi	9373334964	8633	Shamim
13	Zaid. Tamboli	7038482424	8962	Zaid
14	Gulam. Hussain	7743875688	6570	Gulam
15	Saqain. Javed	7397919738	8880	Saqain
16	Oman. Sayyed	8378036172	8875	Oman
17	Arbaz. Khan	7249433714	4074	Arbaz
18	Bushra. Ansari	9021888487	8961	Bushra
19	Masira. Shaikh.	8308304264	8879	Masira
20	Noman. Kheir	9860870267	8898	Noman
21	Arishq. Shaikh.	8830672097	8859	Arishq
22	Shah Sufyan Araf	8208049364	6530	Sufi
23	M. Zaki. Shaikh	9960305756	8841	Zaki
24	Giri Vandana Karmari	6207889780	8947	Giri
25	Fauzia. F. Sayyed	7058084081	9024	Fauzia
26	Shaikh. Zikra. R.	9970731862	6638	Zikra
27	ZaShaikh. Muskan.	8788025677	8967	Muskan
28	Indira. bharti. Joshi	956190463	8852	Indira
29	Danish. Haider	706866903	8820	Dan
30	Zarifa. Khan	902142787	8950	Zarifa

AKI's Poona college Of Arts, Science & Commerce, Pune-01				
Attendance Sheet				
Computer Science & B.B.A(CA)				
Date:- 14/02/2022			Time:- 10:00 AM To 5:00 PM	
Self-Employment Two Day Workshop- Offline Training Session On Website Development Using Bootstrap			Venue:-	Lab-I
Total Number of Students Attended:			Teacher/s Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh	
Sr.No	Name	Contact	Roll No	SIGN
1	Jamvi. Prande	9092097416	8822	Jamvi
2	Samiya Bhole	9850523574	9020	Samiya
3	Rubiyah. Nazir	8810946310	8854	Rubiyah
4	Lais. Riyaz. Shaikh	8087086687	8944	Lais
5	Rumraj. Raghuraman	9730192590	6618	Rumraj
6	Sannat Gupta	7721921160	8816	Sannat
7	Sulahi. Abdels	8329942504	9021	Sulahi
8	Suhaib.	7756822704	6664	Suhaib
9	MHD. Asjad	8560909889	8801	Asjad
10	Ayaz Faruk	8806155264	8617	Ayaz
11	Saleem Jahon	9809686241	8806	Saleem
12	Saibon. Maftak	7219275208	8831	Saibon
13	Bekathem Khapure	86888767	8805	Bekathem
14	Subhan Salim	9623073000	8868	Subhan
15	Sawleha. Sajid.	8489414930	8878	Sawleha
16	Adnan Adam Farhan	9210707522	6603	Adnan
17	Sadat Sayyad	8208822609	6614	Sadat
18	Jha. Hitesh Shetkar	8466069402	8865	Jha
19	Dejan. Rabbale	9880883961	8952	Dejan
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AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

Computer Science & B.B.A(CA)

Date:- 15/02/2022	Time:- 10:00 AM To 5:00PM	
Self-Employment Two Day Workshop- Offline Training Session On Website Development Using Bootstrap	Venue:-	Lab-I
Total Number of Students Attended:	Teacher's Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh	

Sr.No	Name	Contact	Roll No	SIGN
1	Janvi Esande	9027097116	8830	Janvi
2	Rupinoraj Paphusaman	9730192590	6618	Rupinora
3	Stefan Adhale	9574883941	8952	Stefan
4	Adnam Farhan	9970707572	6603	Adnam
5	M. Azjad	8560909889	8801	Azjad
6	Saleem Rode	8320517501	9021	Saleem
7	Subair Shaikh	1756828731	6664	Subair
8	Semrath Gupta	7721921401	8816	Semrath
9	Jah. Hitesh. Shekar	8436084900	8865	Hitesh
10	Saniya Bhole	955033671	9020	Saniya
11	Aarhan Khapure	8668872401	8805	Aarhan
12	Saifan. Gaikwad	7019279208	8824	Saifan
13	Asma. Shaikh	4190932009	8831	Asma
14	Sparsh Bhatti	9623167434	6601	Sparsh
15	Arya Bansode	9359045327	8874	Arya
16	Aysha Kazi	124973086	8849	Aysha
17	Mr. Raees. Patel	7972540209	8853	Raees
18	Saman Tabbin	950368621	8806	Saman
19	Sadat. Sauced	8208822619	6614	Sadat
20	Sulbiyam. Salim	9073073000	8832	Sulbiyam
21	Ayaz. Farooque	8806155264	8802	Ayaz
22	Atharva Bhaise	758822494	8827	Atharva
23	Rubiyah Nagla	801001468	8855	Rubiyah
24	Manishin. Habib	7120828806	8927	Manishin
25	Bushra. Ansari	9021808487	8961	Bushra
26	Ujjwal. Singh. Shaikh	800708668	8966	Ujjwal
27	Afiya. Aziz. Shaikh	7066978361	9114	Afiya
28	Darshikha. Mahadev	705866505	8820	Darshikha
29	Pamola. Anisha	937365504	8919	Pamola
30	Sugandha. Shaikh	8159147931	8875	Sugandha


Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

Computer Science & B.B.A(CA)

Date:- 15/02/2022	Time:-10:00 AM To 5:00Pm	
Self-Employment Two Day Workshop- Offline Training Session On Website Development Using Bootstrap	Venue:-	Lab-1
	Total Number of Students Attended:	
Teacher's Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh		

Sr.No	Name	Contact	Roll No	SIGN
1	Nirbh Pandey	8159011821	9136	nirbh
2	Lehel hafiz	8482818495	8910	lehel
3	Shahid mo hussain	8114920266	8919	hussain
4	man Anas	9860153302	8804	anas
5	Anshika Kausalkar	8630162183	8902	Anshika
6	Yash gapat	7658058172	8917	yash
7	Rajvardh Kalleli	8459676035	8831	Rajvardh
8	Atharva Bhaise	7586272149	8827	Atharva
9	Ayan alhan	8983900933	8813	ayan
10	Shagunee Sureshi	9373734964	6633	Shagunee
11	Shaikh zibara Rauf	9970731852	6638	Zibara
12	Zaid Tamboli	7058182421	8962	Zaid
13	Aarisha Shaikh	8830671091	8859	Aarisha
14	Ashraf Khan	7219633714	9074	Ashraf
15	Aman Sayyed	8378036177	8875	Aman
16	Danish Haidari	705866502	8820	Danish
17	Bushra Anvari	9021884882	8961	Bushra
18	Haseem Patel	9146718632	8877	Haseem
19	Saakim mapkar	9137458801	8803	Saakim
20	Shaikh muskan	8788025677	8967	muskan
21	Noman Khan	9860870787	8828	Noman
22	man zaki Shaikh	9960306766	8841	Zaki
23	Saglam jawed	7397919228	8880	Saglam
24	Shaikh masira	8308304264	8879	masira
25	Arvi vandana Kumas	6207869780	8947	Arvi
26	Indira Gharti joshi	9561901463	8852	Indira
27	Shah Subhan Araf	8202049341	6530	Subhan
28	Kausar Sayyed	7058084881	9021	Kausar
29	Zayna Khan	9221421787	8950	Zayna
30	Gulam Hussain	771887528	6570	Gulam

Pg. No _____ of _____ (Total Pages)

Signature of Faculty Incharge

AKT's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 16/2/2021 (Day 1)

Time:- 10:00 AM to 5:00PM

Self Employment Two Days Workshop -
Offline training session on Website
Development using Bootstrap.

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Ms. Haig Ishrat Mr.
Farooque Shaikh

Sr.No	Name	Contact	Roll No	SIGN
1	Musain Latel	9146718632	8877	[Signature]
2	Ahwan Latif Jirgali	9822005591	9161	[Signature]
3	Ahwan Malibadi	758851950	8876	[Signature]
4	Ahwan Qureshi	8411997936	9034	[Signature]
5	Saahin Maphkar	9154458806	8803	[Signature]
6	Yash gapat	753386587	8917	[Signature]
7	Prinwar Malloli	8459676035	8831	[Signature]
8	Sehel Shaikh	8482815435	8910	[Signature]
9	Shaikh Mohammad Hussain	9149202657	8949	[Signature]
10	Aman Sulvi	8378026117	8875	[Signature]
11	Abhishek Khatalkar	853016248	8302	[Signature]
12	Sharmeen Qureshi	9377234964	6633	[Signature]
13	SHAIKH ZIKRA RAUF	9910731552	6638	[Signature]
14	Khan ARBAZ	7249433716	9074	[Signature]
15	Farish Mohamed	7058669035	8820	[Signature]
16	Aayan Attay	9983900488	8813	[Signature]
17	Noman KHAN	9860870267	8828	[Signature]
18	Mohammedate Inam Shaikh	9960805156	8841	[Signature]
19	Shahid Moizuddin	7066678696	8846	[Signature]
20	Mohd. Zaid Rajmohd. Tankeli	7938482624/9962		[Signature]
21	Shaikh Mohsin Habib	7220888000/8922		[Signature]
22	Khan Gulam Husain A.B	7743877828	6570	[Signature]
23	Sakten Javed Hafe	7397910335	8880	[Signature]
24	Ahwan F. JAHANGIR	8506155204	6617	[Signature]
25	Bushra Rizwan Ansari	9021808487	8961	[Signature]
26	Shaikh Masira Jani	8308304204	8879	[Signature]
27	Shaikh Arisha Alauddin	8230687097	8850	[Signature]
28	Shahid Hafiza Aytay	8208049309	6530	[Signature]
29	Geji Vardhanakumarik	6207889789	8947	[Signature]
30	Patel Gunesan Vasantkumar	969291774	8948	[Signature]

No. 21 of 02 (Total Pages)

[Signature]
Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 16/2/2021 (Day 1)	Time:-10:00 AM to 5:00PM	
Self Employment Two Days Workshop - Offline training session on Website Development using Bootstrap.	Venue:-	Comp. Sci. Lab
Total Number of Students Attended:	Teacher's Incharge: Ms. Baig Israt Mr. Farooque Shaikh	

Sr.No	Name	Contact	Roll No	SIGN
1	Indirapharati Jashi	9561901463	8852	Indira
2	Janhari Luande	9022097416	8880	Janari
3	Zanifa Khan	9021421787	8750	Zanifa
4	Asma Shaikh	9156023293	8811	Asma
5	Arya Bansode	9399045327	8874	Arya
6	Saleha Sadik Ansari	9570630322	8140	Saleha
7	Saleha Anwar Ansari	7709751600	8901	Saleha
8	Sanya Bhole	9350333674	9020	Sanya
9	Saleha Rodde	8329542504	9021	Saleha
10	Shaikh Saima J.M	9503686291	8806	Saima
11	shaikh saleha -sai	8459442920	8878	Saleha
12	Patel Rubiya Nagir	5010966341	8854	Rubiya
13	Laili Riyaz Shaikh	8007086637	8944	Laili
14	Uzair Aziz Khan	9890994320	8839	Uzair
15	Khanraj Raghuraman	9730192590	6618	Khanraj
16	Suhaib Shaikh	7756827814	6604	Suhaib
17	Atharv Bhalse	2588982499	8827	Atharv
18	Stephan Rawade	9574892991	8952	Stephan
19	Gupta Samanath Prasad	7721921401	8816	Gupta
20	Pratibha R. Kaware	9668878421	8805	Pratibha
21	Sadat Sayyed	8208822629	6614	Sadat
22	Adnan Fikhan Mumeni	9270707525	6603	Adnan
23	Shalith Nuran Abulhasan	8788025677	8967	Shalith
24	Saifan Gafar Sayyad	1219279203	8836	Saifan
25	Shaikh Afiva Aziz	7066978361	9114	Afiva
26	Sayed Fauzila Feroz	7058084081	9025	Fauzila
27	Mahamud Anas	9860453303	8804	Mahamud
28				
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AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 17/2/2022 (Day 2)

Time:-10:00 AM to 5 PM

Self Employment Two day's Workshop -
Offline training session on Website
Development using Bootstrap.

Venue:-

Comp. Sci. Lab

Total Number of Students Attended;

Teacher's Incharge: Mr.Farooque shaikh Ms.
Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Shaikh Mustan Abulhasan	8788025677	8967	Mustan
2	Girij Vandana Kumar K.	6207889780	8947	Girij
3	Pankaj Anand Kulkarni	9699291774	8948	Pankaj
4	Farooq Feroz Sayyed	7056054081	7025	Farooq
5	Indirabharati Joshi	9561901463	8350	Indira
6	Susaleha Tawakari	9157963627	8940	Susaleha
7	Zanita Khan	9021421787	8950	Zanita
8	Jenna Shaikh	9196023293	8911	Jenna
9	Tanhan Luande	9022097411	8830	Tanhan
10	Sabah Md Anwar Ansari	7709751600	8901	Sabah
11	Saniya Bhole	9850333678	9020	Saniya
12	Saleha Rodde	8329542504	9021	Saleha
13	Saima Jabeen M.Q.T	9503686229	8806	Saima
14	Susaleha Sajid Shaikh	8459442930	8878	Susaleha
15	Rubiyah Nazir Patel	910946311	8854	Rubiyah
16	Huzefa Azim Khan	9190990320	8839	Huzefa
17	UHO RIYAZ SHAIKH	8007086637	8944	Riyaz
18	Purnima Padmakar	9130192590	6612	Purnima
19	Suhail B Shaikh	775682294	6664	Suhail
20	Stephina Rowade	9599883991	8952	Stephina
21	Supriya Samant Phad	772192401	8816	Supriya
22	Prathima Kapure	866827200	8809	Prathima
23	Sadat Sayyed	8208822129	6614	Sadat
24	Ardan Farhan Mawale	9220707522	6603	Ardan
25	Jha Kitesh Shekhar	8746049400	8865	Jha
26	Muhammad Asjad	8550907987	8901	Muhammad
27	Saifan Gafar Sayyed	7219275203	8824	Saifan
28	Sufiyan Salim Shaikh	9623073000	8868	Sufiyan
29	Angara Farooque Jambharam	8506155201	6617	Angara
30				

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 17/2/2022 (Day 2)

Time:-10:00 AM to 5 PM

Self Employment Two day's Workshop -
Offline training session on Website
Development using Bootstrap.

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Mr.Farooque shaikh Ms.
Bilq Ishtat S

Sr.No	Name	Contact	Roll No	SIGN
1	Musain Patel	946718637	8877	
2	Sadim Mankar	915745880	8803	
3	Amaan Nalband	758215195	8876	
4	Vitesh Jandey	325704782	9126	
5	Shaikh Mohammad Hussain	8199202654	8949	
6	Sahel Ab.hafiz Shaikh	8482835495	8910	
7	Mohamad Anas	9860453803	8904	
8	Oman sayyad	8378036177	8875	
9	Abhishek Kusalkar	8530162633	8902	
10	Atharv Bhuise	3588222499	8827	
11	Yash Gapat	755865872	8917	
12	Pranav Halble	8159616015	8831	
13	Sharmeen Qureshi	927323498	6623	
14	SHAIKH ZIKRA RAUF	991073852	6638	
15	Pavish Kaladani	705866503	8820	
16	Sahel Kulkarni		8905	
17	Aayan Aftab	8783900938	8813	
18	Naman Khan	9860870267	8828	
19	Mahmoodul Haque	9960305138	8841	
20	Shaikh Moinuddin Shaikh	7066678696	8846	
21	Zaid Tamboli	7038482424	8962	
22	Shaikh Mohsin Habib	7720 887806		
23	Mulam Husain Khan	7743877528	6570	
24	Sakten Javed Adk	7397919288	8880	
25	ABBAZ KHAN	7249431714	9074	
26	Bushra Rizwan Ansari	8021808487	8961	
27	Shaikh Marina Jamil	8308304244	8879	
28	Ariha Nasruddin Shaikh	8830679097	8859	
29	Afiya Aziz Shaikh	7066978361	9114	
30	Shah Afijana Aftab	8208049364	6530	

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

Computer Science & B.B.A(CA)

Date:- 18/02/2022	Time:-10:00 AM To 5:00PM	
Self-Employment Two Day Workshop- Offline Training Session On Website Development Using Bootstrap	Venue:-	Lab-I
	Total Number of Students Attended:	
Teacher's Incharge: Ms. Baig Ishrat & Mr. Farooque Shaikh		

Sr.No	Name	Contact	Roll No	SIGN
1	Nitesh Pande	84599067	9136	Nitesh
2	Sahel Shaikh	8482815495	8910	Shaikh
3	Saima Sayid Shaikh	9457442730	8878	Saima
4	Rubya Nazir	8010940301	8854	Rubya
5	Iqbal Riyaz Shaikh	8007086637	8944	Iqbal
6	Parvathy Rajurkumar	9720192570	8618	Parvathy
7	Sekhar. R. R. R.	9558883941	8952	Sekhar
8	Dylan Raju	8806155264	8617	Dylan
9	Jami Jalande	902097416	8842	Jami
10	Pratham Khapure	866887242	8805	Pratham
11	Susaleha. Sajid	8459442930	8978	Susaleha
12	Jha. Nilesh. Shaikh	8446049403	8865	Nilesh
13	Fauzina. F. Sayyad	7058084081	9024	Fauzina
14	Amal. Sayyad	823803617	8878	Amal
15	Masrura. Shaikh	820830420	8870	Masrura
16	Atharva. Baise	758022209	8827	Atharva
17	Hussain Patel	9146718633	8871	Hussain
18	MHD. Asjad	8550909889	8801	Asjad
19	Noman Khan	986087023	8889	Noman
20	Zaid Tambali	7038482434	8962	Zaid
21	Rushika Anand	907808457	8961	Rushika
22	Ashar Khan	721843274	9074	Ashar
23	Yash Gupat	7058658172	8917	Yash
24	Indira. Bharti. Joshi	9561901603	8552	Indira
25	Abhishek. Kulkarni	8530162438	8908	Abhishek
26	Aarsha. Shaikh	8830671097	8859	Aarsha
27	Danish Mardikar	705866503	8820	Danish
28	Sadat Sayyad	8208822629	6614	Sadat
29	Zarika. Khan	902144787	8850	Zarika
30	MHD. Zaki. Shaikh	996006758	8841	Zaki

Pg. No _____ of _____ (Total Pages)

Signature of Faculty Incharge

AKI's Poona college Of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC

Date:- 19/2/2022 (Day 2)

Time:- 10:00 AM to 5 PM

Self Employment Two day's Workshop -
Offline training session on Website
Development using Bootstrap.

Venue:-

Comp. Sci. Lab

Total Number of Students Attended:

Teacher's Incharge: Mr.Farooque shaikh Ms.
Baig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Abhishek Kuskalkar	853016243	8902	A.Kuskalkar
2	Omair Sayyad	8767583311	8815	O.Sayyad
3	Akifha Aaftab Pathan	7756981854	8837	A.Aaftab
4	Ashikh Ziyuddin Injari	8975140331	8924	A.Ashikh
5	Ahij Tawad Shaikh	7841948770	8926	A.Ahij
6	Haisan Salim Tamboli	8600811092	8906	H.Salim
7	Ishutban Pandey	9136777304	8836	I.Pandey
8	Mohsin Pannaie	9021852519	8907	M.Pannaie
9	Sadim Maptkar	9157458804	8803	S.Maptkar
10	Amaan Nalband	7588151950	8876	A.Nalband
11	Saifan Gafar Sayyad	7219275203	8834	S.Gafar
12	Swikh Mukashir	9765214670	8817	S.Mukashir
13	Asadullah Khan	7519990626	8869	A.Khan
14	Sayyed Sufyan	9307334381	8850	S.Sufyan
15	Sundke Salah	8855051663	8904	S.Salah
16	Md. Mukta k. Malleshari	9404850462	8823	M.Malleshari
17	Arif Anwarali Shaikh	8432964028	9110	A.Ashikh
18	Noumeen. B. Shaikh	7507901869	9002	N.B.Shaikh
19	Namin Shaikh	9156314897	9029	N.Shaikh
20	Furhan Qureshi	8911997936	9034	F.Qureshi
21	Abrar Shaikh	8007581883	9042	A.Shaikh
22	Huzay Khan	8975237850	9052	H.Khan
23	Alhamdullah Jhufyan	7217630185	6622	A.Jhufyan
24	Fatima Zahra	8805197284	8821	F.Zahra
25	Patel Rida	7038024324	9059	P.Rida
26	Mahak. Shaikh.	8180066052	8824	M.Shaikh
27	Nayelsha John Gunraj	9766516221	6604	N.Nayelsha
28	Nayonika John Gunraj	9175012396	6508	N.Nayonika
29	Arpita Sajjan.	7745030956	8810	A.Sajjan
30	Moh. Wasim Khan Bagwar	9689162838	6605	M.Bagwar

AKI's Poona college Of Arts, Science & Commerce, Pune-01	
Attendance Sheet	
DEPARTMENT OF COMPUTER SCIENCE, BBA-CA ,B.VOC	
Date:- 19/2/2022 (Day 2)	Time:-10:00 AM to 5 PM
Self Employment Two day's Workshop - Offline training session on Website Development using Bootstrap.	Venue:- Comp. Sci. Lab
Total Number of Students Attended:	Teacher's Incharge: Mr.Farooque shaikh Ms. Raig Ishrat S

Sr.No	Name	Contact	Roll No	SIGN
1	Moin Shaikh	8788527813	6650	mpf
2	fauwaz Bhatti	9623107434	6601	fauwaz
3	Zaid Shaikh	8855006445	6604	Zaid
4	Shaikh Sahesha Naem	9579305406	9037	Sahesha
5	Farah Rubiya Nazir	8010946341	8854	Rubiya
6	Suma jabeen.Md.G	950269809	8806	Suma
7	Suzalata Sajid Shaikh	8459442930	8878	Suzalata
8	Mohammad Asjad	8550909889	8801	Asjad
9	Mohammed Rafi T.Talib	9972540209	8855	Rafi
10	Pangal Anisha Sybil	9373655700	8919	Anisha
11	The Hitachi Checkroom	8446044402	8865	Hitachi
12	Suzalata	95-963859-5840	8840	Suzalata
13	Arya Bansode	9397046327	8874	Arya
14	Ayesha Kazi	724973085	8849	Ayesha
15	Amran Pachran	8329780209	9012	Amran
16	Huzaira kazi Sayyed	857885520325	8842	Huzaira
17	Parul Khatke	7088669053	8820	Parul
18	Gulam Husain Khan	774387800	6570	Gulam
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Page No. 2 of 2 (Total Pages)

Signature of Faculty Incharge



ELITE SOFTWARES PUNE

CERTIFICATE



This is to certify that Mr./Ms. Abu Sufiyan Salim Shaikh Digg has successfully completed "Website Development using Bootstrap Hands on Training" held from **7th to 17th Feb. 2022 (Sixty Hours)** in association with Department of Computer Science, B.B.A. (C.A.) and B. Voc Software Development - Poona College of Arts, Science and Commerce, Camp, Pune.

Mr. Swami Panjala
Founder & CEO
Elite Softwares,
Pune

Mr. Farooque Shaikh
Co-ordinator, Nodal Officer
Dept. of B.Voc.,
Poona College, Pune

Ms. Ishrat Baig
Co-ordinator,
Dept. of Comp. Sci.,
Poona College, Pune

Dr. Shabana Shaikh
HOD - Comp. Science,
BBA (CA)
Poona College, Pune

Dr. Iqbal Shaikh
Vice - Principal,
IQAC Co-ordinator,
Poona College, Pune

Dr. Atrab Anwar Shaikh
Principal,
Poona College, Pune



ELITE SOFTWARES PUNE

CERTIFICATE



This is to certify that Mr./Ms. Shaikh Sohel Aslam has successfully completed "Website Development using Bootstrap Hands on Training" held from **7th to 17th Feb. 2022 (Sixty Hours)** in association with Department of Computer Science, B.B.A. (C.A.) and B. Voc Software Development - Pooona College of Arts, Science and Commerce, Camp, Pune.

Mr. Swarni Panjala
Founder & CEO
Elite Softwares,
Pune

Mr. Farooque Shaikh
Co-ordinator, Nodal Officer
Dept. of B.Voc.,
Pooona College, Pune

Ms. Ishrat Baig
Co-ordinator,
Dept. of Comp. Sci.,
Pooona College, Pune

Dr. Shabana Shaikh
HOD - Comp. Science,
BBA (CA)
Pooona College, Pune

Dr. Iqbal Shaikh
Vice - Principal,
IQAC Co-ordinator,
Pooona College, Pune

Dr. Aftab Anwar Shaikh
Principal,
Pooona College, Pune



Y & M Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Affiliated to Savitribai Phule Pune University: ID No. PU/PN/ASC/023/1970)

ACTIVITY REPORT

(2021 - 2022)

I. Basic Details:

Name of The Activity: Online Certificate Courses (40 Hrs)			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
20/01/2022 to 24/02/2022	Computer Science	Department of Computer Science	Mr. Irfan Chaugle
Time	Venue	Activity for class/ group student number	Nature: Academic/co- curricular / extracurricular/ Environmental/ social/ other
6:00 PM to 8:00 PM	Online	FY/ SY/ TY. B. Sc. (C S)	Certificate Program in Data Science

II. Brief Information about the Activity (Criterion no -)::

Topic/ Subject of the activity	40 Hours Online Certificate Course in Data Science in association with ExcelR Solutions
Objective for conducting the activity	Students will be offered an opportunity to pursue these courses when they are pursuing their regular degree course such that they can complete both the courses offered to them together.
Methodology	Online Training sessions conducted by Corporate Trainer.
Outcome	Excellent sessions which helped attendees to improve knowledge of Data Science.

III. Proofs attached: letters/ student list of participation/ certificate/ document/photos/ any other

1. Report in documentation	2. Photos	3.
4.	5.	6.



Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

- Affiliated to Savitribai Phule Pune University: ID No PU/PN/ASC/023/1970
- Junior College Index No: J-11.15.004
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute
- UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



K. B. Hidayatullah Road, Camp,
Pune - 411001. (MS), India



+91-20-2645 4240 / 2644 6319.



principal@poonacollege.edu.in
www.poonacollege.edu.in

Professor (Dr.) Aftab Anwar Shaikh

M.Com, Ph.D (Busi. Admin.)

PRINCIPAL

Date 15/01/2022

Department of Computer Science, B.B.A (C A) and B.Voc. (SD)

NOTICE


All the students of Computer Science, B.B.A (C A) and B.Voc. (SD) are hereby informed that, the Poona College of Arts, Science and Commerce is going to Organize **Online Certificate Courses (40 hrs)** in collaboration with ExcelR Solutions Pvt. Ltd. From 20th January 2022. All Students are instructed to register themselves and attend the certificate course compulsorily as the course completion certificate helps to earn Additional credits.


Certificate Courses :

F.Y.B.Sc. CS/ F.Y.B.B.A.CA/ F.Y.B.Voc. - Python and Data Science

S.Y.B.Sc. CS/ S.Y.B.B.A.CA/ S.Y.B.Voc. - Python and Data Science

T.Y.B.Sc. CS/ T.Y.B.B.A.CA/ M.Sc CS (I & II). - Python and Data Science


Dr. Shabana N. Shaikh
Head


Prof. Dr. Aftab Anwar Shaikh
Principal

DEPARTMENT OF COMPUTER SCIENCE
AKI's Poona College
of Arts, Science & Commerce, Camp,
Pune-411001



PRINCIPAL
College of Arts, Science & Commerce
Camp - Pune-411001.
Principal Office



Anjuman Khairul Islam's

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Department of Computer Science, BBA-CA & B.Voc (SD)

REPORT ON CERTIFICATE PROGRAM IN DATA SCIENCE USING MACHINE LEARNING WITH R AND PYTHON BY EXCEL R SOLUTIONS

ed@excelr.com'. A vertical text on the right side of the right banner reads 'Get The Certificate Of Participation'."/>

AKI's Poona College of Arts, Science and Commerce in Association with ExcelR Solutions organized 40hrs Certification Program in Data Science using Machine Learning with R and Python for all the students of Computer Science, BBA-CA and B. Voc(SD) from 20th January 2022 for 20 days (two hours each day). Department of Computer Science, BBA-CA and B.Voc (SD) has taken

initiative for this certificate program. Special thanks to our Principal Prof. Dr. Aftab Anwar Shaikh, Vice Principal Prof. Iqbal Shaikh and Dr. Shabana Shaikh (HoD of Computer Science and BBA-CA) for their continuous support while organizing the certificate program.

A Memorandum of Understanding was signed between AKI's Poona College of Arts, Science & Commerce, Camp, Pune and ExcelR Solutions on Monday, 17 January 2022 at the Principal's office.

This MOU outlined the initiative for mutual cooperation between the two parties to provide a global platform to aspiring students and boosting their stand on the international spectrum by providing seamless high-quality training. ExcelR has grown to become a leading giant in space of Training and Consulting, helping students and professionals across the globe by delivering top-notch, world-class classroom and online training.

As part of this MOU, ExcelR will be offering its 40 hrs. Online Certificate courses which are internationally recognized to students at Poona College. These Courses are integrated with Poona College Website through LMS. Students will be offered an opportunity to pursue these courses when they are pursuing their (regular) degree courses such that they can complete both the courses offered to them together.

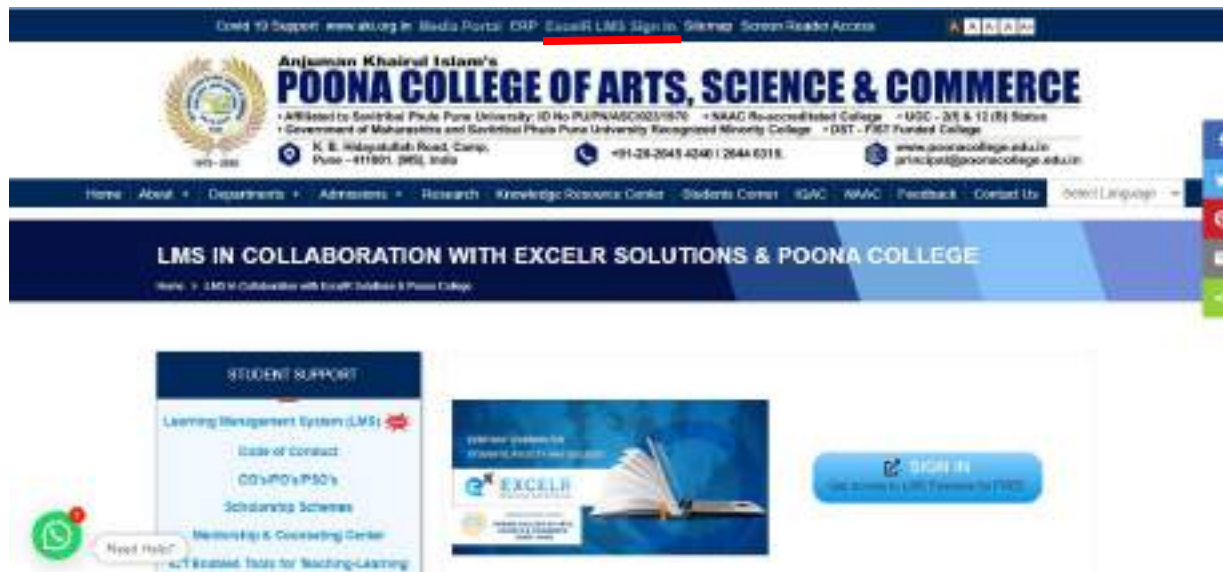
This MOU was signed under the guidance of Principal Prof. Dr. Aftab Anwar Shaikh and Vice Principal Mr. Iqbal Shaikh. This activity was Coordinated by Mr. Irfan Chaugule and Dr. Shabana Shaikh, Head Department of BBA-CA and I/C Head, Comp. Science.

Some Glimpses of MOU



MOU between Poona College and ExcelR Solutions

Session 1 is an inauguration session, conducted through Online using Zoom Platform as well as ExcelR E-Learning Platform as a medium provided to join for the beneficiaries. ExcelR link is integrated with Poona College website. Students can join through Poona College website also.



Integration of ExcelR with Poona College Website

Students have received E-Mail from ExcelR to create their credentials to get access of Sessions as well as study material of the same. Total 316 students and 12 faculties have attended inaugural session on 20th January 2022 at 6 PM. Session was continued till 8 PM.

ExcelR provides the most comprehensive Data Science program on the market, covering all aspects of the Data Science lifecycle, including Data Collection, Data Extraction, Data Cleansing, Data Exploration, Data Transformation, Feature Engineering, Data Integration, Data Mining, building Prediction models, Data Visualization, and deploying the solution to customers. This Data Science training covers a wide range of skills and tools, including Statistical Analysis, Text Mining, Regression Modeling, Hypothesis Testing, Predictive **Analytcs**, **Machine Learning**, Deep Learning, Neural Networks, Natural Language Processing, Predictive Modeling, R Studio, Tableau, Spark, Hadoop, and programming languages like R programming and Python. ExcelR is regarded as the premier Data Science training institute, providing services ranging from training to placement as part of the Data Science training programme, with over 400+ participants placed in organizations such as E&Y, Panasonic, Accenture, VMWare, Infosys, IBM, and others. ExcelR provides the best Data Science training and is widely regarded as the industry's best.

Is it worthwhile to pursue a Data Science certification as a career?

For a variety of reasons, the answer is a resounding YES. Digitalization is generating massive amounts of data, and the demand for Data Science specialists who can assess and extract relevant insights is growing, resulting in millions of new employment in the field. There is a significant gap between supply and demand, resulting in a large number of job openings and incomes. Data

Scientists are regarded as the most valuable employees on the market. Data Scientist careers are long-lasting and fulfilling since data generation is growing by leaps and bounds, and the demand for Data Scientists will continue to grow indefinitely.

- According to NASSCOM, there are 1.4 lakh job openings in Data Science, Artificial Intelligence, and Big Data.
- By 2021, the globe will be short 2.3 million Data Science specialists.
- According to the Talent Supply Index, the demand for Data Scientist professionals in India surged by 417 percent in 2018.
- According to Glassdoor's 2018 rankings, data science is the greatest job to pursue.
- 'Data Scientist is the trendiest job of the twenty-first century,' according to Harvard Business Review.

Topic Covered in Session 1

- Data Science Project Lifecycle
- An introduction to ExcelR E-Learning Platform
- Installation of R Programming Software
- Introduction to Basic Statistics using R and Python
- Data Types
- Measures of Central Dispersion

Pictures of the Session 1



Discussing Data Types – Continuous & Discrete

Measures of Central Tendency

Central Tendency	Population	Sample
Mean / Average	$\mu = \frac{\sum(X_i)}{N}$	$\bar{X} = \frac{\sum(X_i)}{n}$
Median	Middle value of the data	
Mode	Most occurring value in the data	



"Every American should have above average income, and my Administration is going to see they get it." – American President

Discussion on Measures of Central Tendency

8:43 PM		
Participants (680)		
FS	Firdos Shaikh	Present
	Hitesh Jha	Present
HS	Huzaiifa Sayyed	Present
IP	Iftekar Patel	Present
IJ	Indira Joshi	Present
I	Insiya	Present
I	Ipsita Mishra	Present
I	Isha Patil	Present
IK	Ismail Khan	Present
J	Janhavi Erande	Present
JK	Jayant Kumar Jha	Present
JR	Jonathan Robert	Present
KS	Krishna S. Baral	Present

Glimpses of Attendance

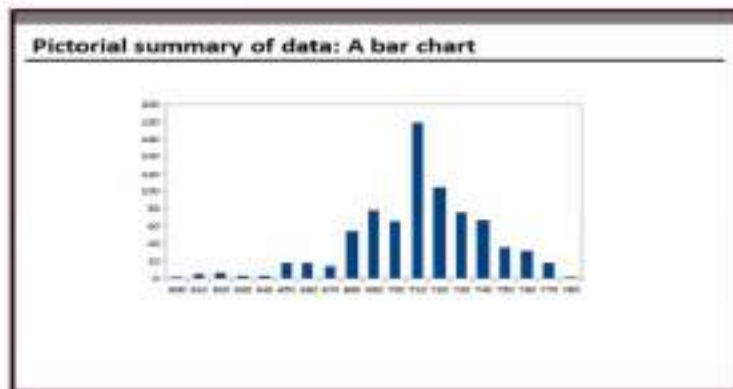
Session 2

Session 2 is conducted on 24th January 2022. Total 401 students and 12 faculties have attended training session of Data Science on 24th January 2022 at 6 PM.

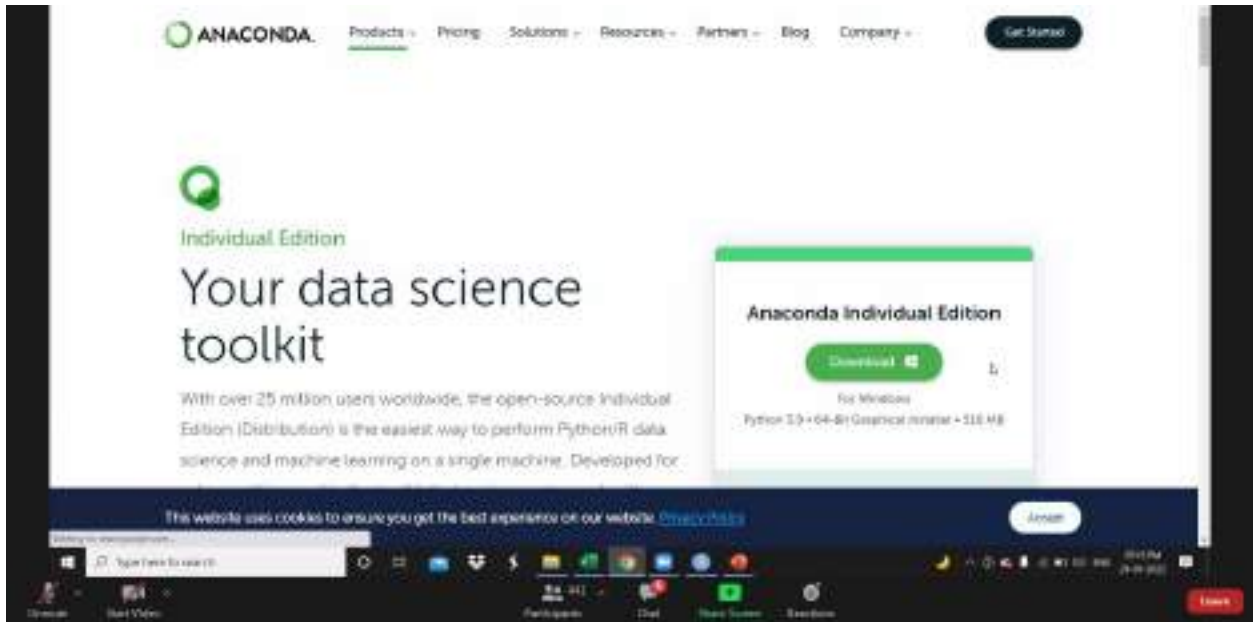
Topic Covered on Session 2

- Measures of Dispersion
- Graphical Techniques
- Skewness & Kurtosis
- Box Plot
- R
- R Studio
- Descriptive Stats in R
- Python (Installation and basic commands) and Libraries
- Jupyter note book
- Set up Github
- Descriptive Stats in Python
- Pandas and Matplotlib / Seaborn

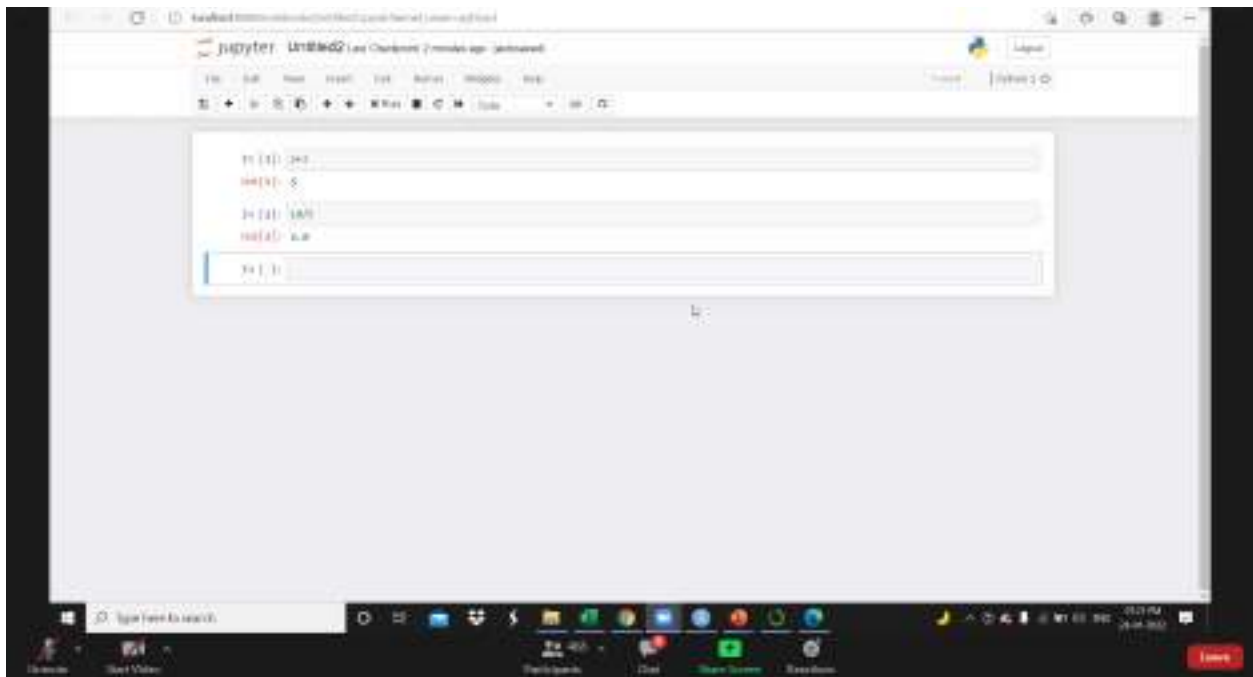
Pictures of the Session 2



Pictorial Summary of Data



Installation of ANACONDA software



Jupyter Notebook



Python Libraries for Data Science

Feedback of Session 1 and Session 2:

On each day participants were given an opportunity to evaluate the trainer and the training in various aspects. Some Feedback from students are mentioned below:

- I had a great time in the class and learned a lot. The information is well-organized and relevant to real-life circumstances.
- The course was enjoyable for me. It was well-structured, logical, and well-researched.
- Many aspects of the course differ from what I had learnt in previous classes. The format of the information, as well as the points raised, were very appealing to me.
- SESSION IS GREAT. I HAVE SOME QUESTIONS, FIRSTLY CAN I GET INTERNSHIP AND SECONDLY PLEASE ELABORATE ABOUT THE STRUCTURE OF THE COURSE.THANK YOU FOR THE COURSE.
- It was so much awesome. I really enjoyed this...this session gave me lots of coding knowledge
- It was great to attend the meeting with all our professional teachers.
- It was very Informative and today I learned something new
- The lecture is very helpful and full of important knowledge. Thanks excelR for such a nice lectures.
- Got a chance to enhance my skills and knowledge I appreciate to Teachers for enhancing us.
- Really liked the session...Came to know about one more new language today....Hope so this session will helpful for us in future..
- Very good and useful session for us and the teacher also good .and best thing is that she clearly explained all the doubts which are asked 👍👍👍😊

- The session is great, there's much more to learn and this is going to be very helpful .Also the instructor is great and she's very helpful throughout the session. Thanking the team for conducting this valuable course.
- Best interactive class. Teaching is very directive which is the best part of the lecture I loved.

Session 1 and 2 is conducted by **Ms. Munmun Bhagat** (Trainer of ExcelR Solutions). She has vast industrial experience in Data Science. She particularly emphasized on its importance to Career in general.

Report of Session 1 and Session 2 is prepared by Dr. Reshma Kadam, Faculty of BBA-CA.

AKI'S
POONA COLEGE OF ATRS SCIENCE COMMERECE
DEPARTMENT OF COMPUTER SCIENCE & BBA
(CA)

SESSION 3 DAY : 25TH JANUARY 2022 TIME : 6 PM To 8 PM



Start of Session (EXCELR) on 25th January at 6 pm 2022

The third day session started with revision of last session python library function. After that session start with relational operation with examples (filtering) using excel file. In detail `df.iloc[0]` function was explained it works for displaying the table rows. After this using rank function how to select a data a column in a data frame. Then how to make slicing of the table data according to user's choice was explain nicely by taking examples

REC LIVE jupyter basics of python Last Checkpoint: 02/02/2021 (saved changes)

```

In [8]: myval(mySalary.positions)
Out[8]: my
Out[9]: my
Out[10]:

```

emp_id	emp_name	job_id	dept_name	emp_salary		
1	Pat	A	12	3	Male	30000
2	AsaPat	A	20	17	Male	30000
3	Pat	A	25	19	Male	30000
4	Pat	A	31	31	Male	17000
10	AsaPat	S	5	0	Male	40000
16	AsaPat	S	5	5	Male	15000
17	AsaPat	S	4	2	Male	30000
19	AsaPat	S	4	4	Male	10000
20	AsaPat	A	4	2	Male	15000
20	AsaPat	A	2	0	Male	40000
24	Pat	A	25	20	Male	37000
26	AsaPat	S	7	2	Male	40000
28	AsaPat	S	4	3	Male	37000
40	AsaPat	A	10	6	Female	14000
42	AsaPat	S	4	7	Female	30250
44	AsaPat	S	5	0	Female	17000
46	AsaPat	S	7	1	Female	14000
50	AsaPat	A	5	0	Female	13000
60	AsaPat	A	25	27	Female	22500
62	AsaPat	A	2			

ExcelR Solutions' screen

Displaying the table using relational function

REC LIVE

Data Frames: method iloc (summary)

```

df.iloc[0] # First row of a data frame
df.iloc[1] # 11th row
df.iloc[-1] # Last row

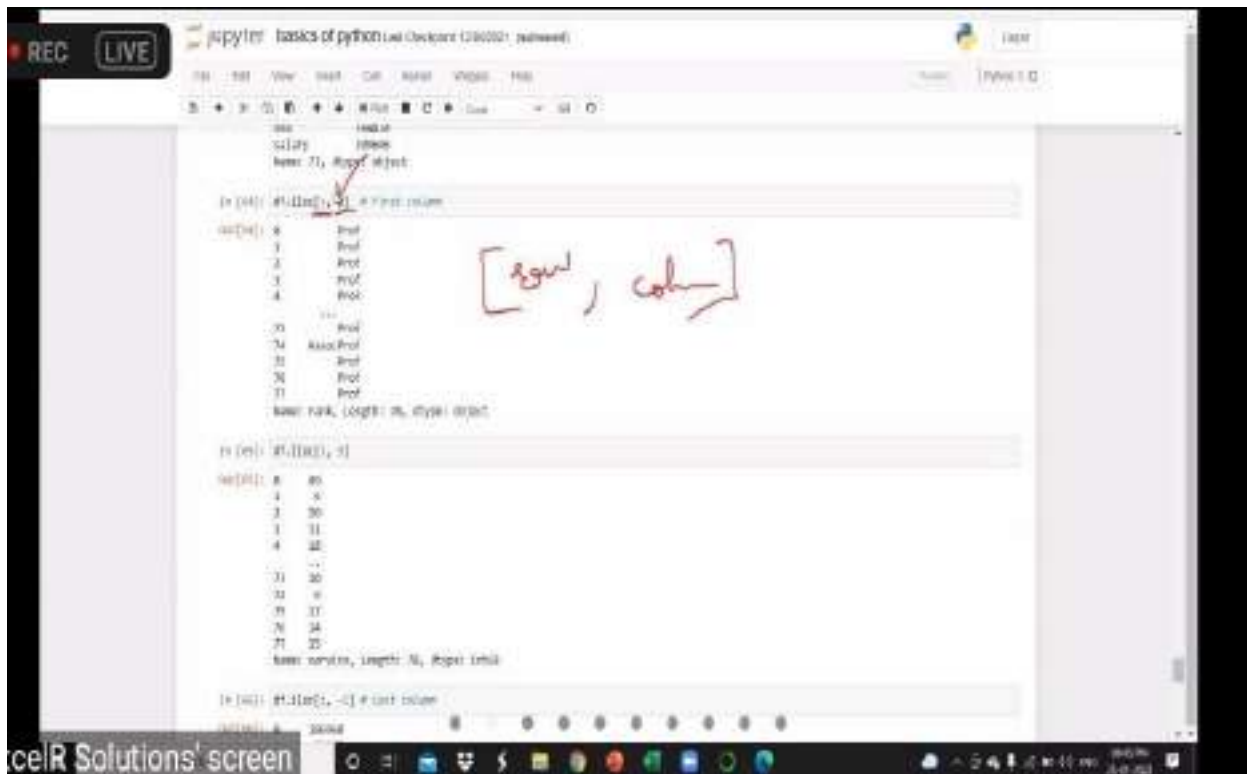
df.iloc[0, 1] # First column
df.iloc[:, -1] # Last column

df.iloc[0:3] # First 3 rows
df.iloc[:, 0:2] # First 2 columns
df.iloc[1:3, 1:3] # First and Second rows and first 2 columns
df.iloc[10, 1], [1, 3] # 10th and 2nd row and

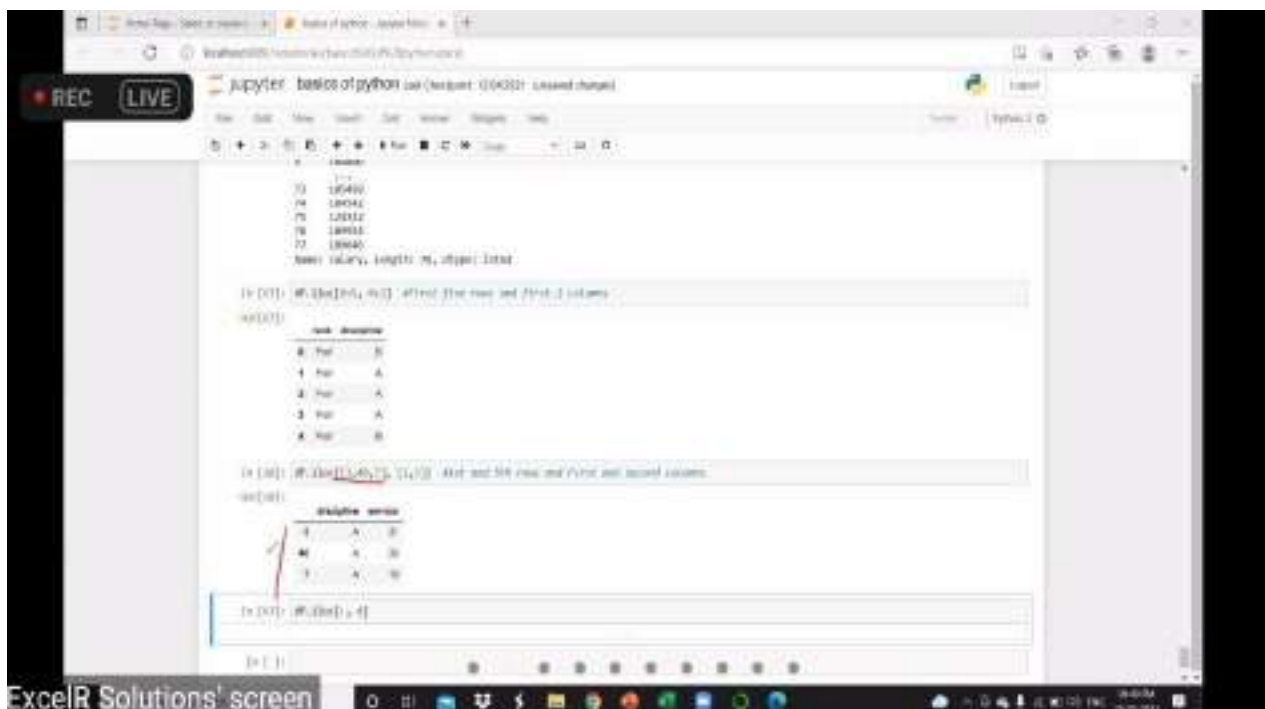
```

ExcelR Solutions' screen

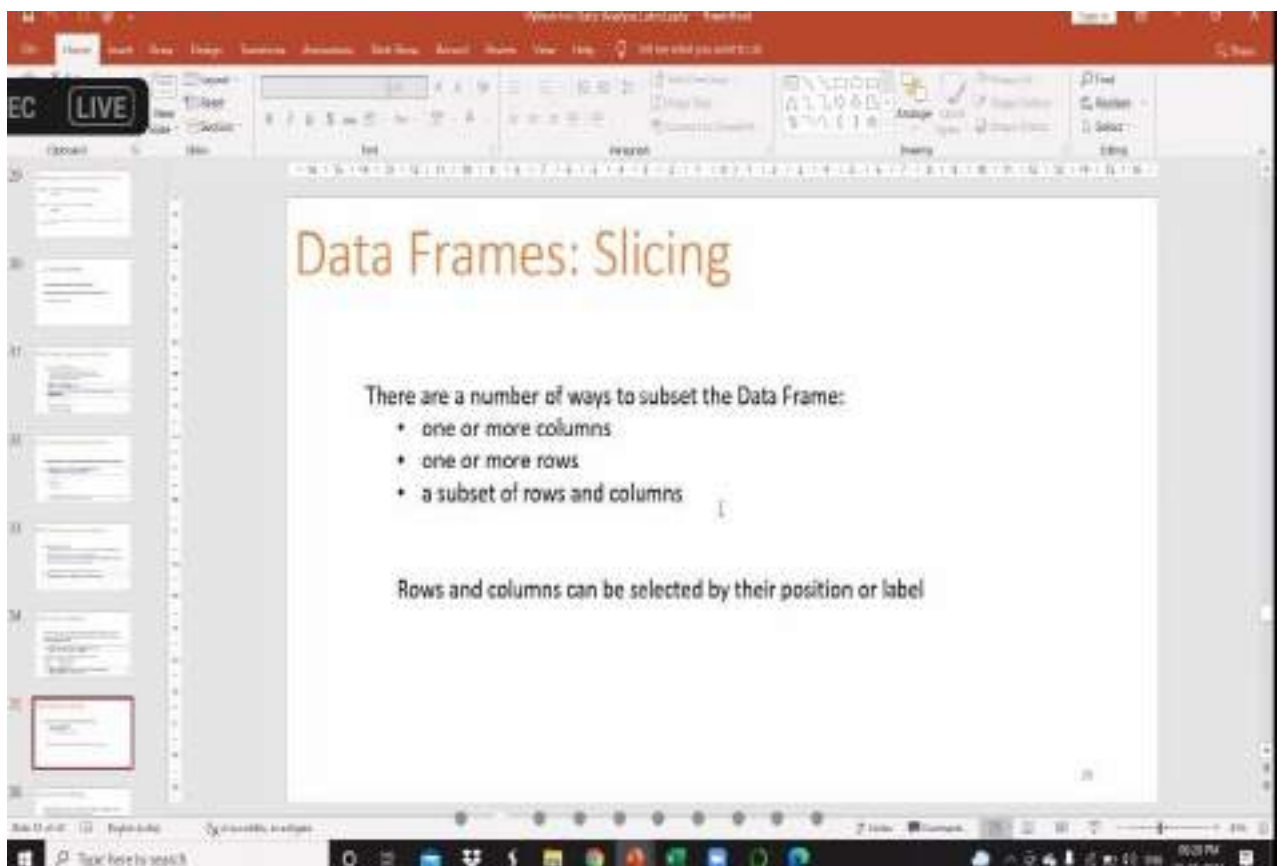
Describing iloc method in python



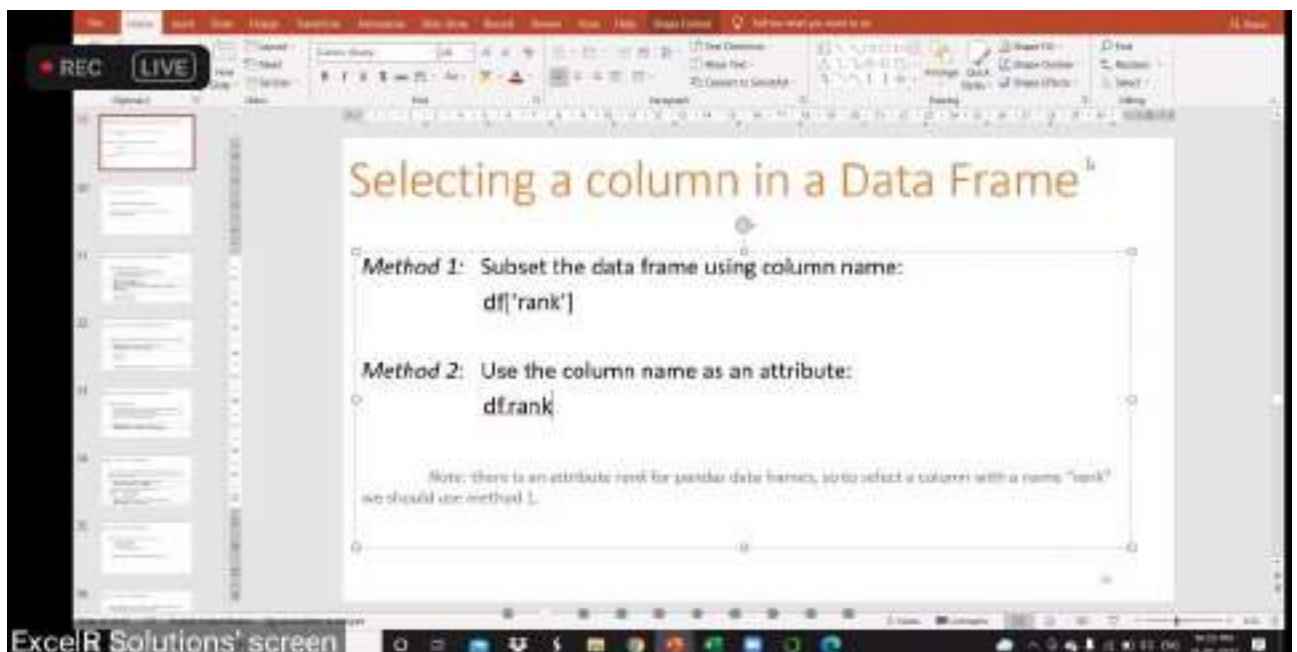
Making use of iloc function



Solving the examples on iloc function



Slicing Method were explaining



By Using Rank Function in python selecting of column get explaining

Example: Hypothesis Testing

> **Real Question:**

Can we say that the yield of improved Process B is greater than old Process A?

> **Descriptive Statistics**

Variable	Process	N	Mean	Std. Dev.
Yield	A	10	84.24	2.90
	B	10	85.54	3.65

> **Statistical Question:**

Is there a statistically significant difference between mean of Process B (85.54) and mean of Process A (84.24)? Or, is this difference in mean just due to chance?

More examples of hypothesis

Hypothesis Testing

Develop the hypothesis for population and make statistical decision by determining the acceptance of hypothesis using sample data.

- Null Hypothesis (H₀): Argument made so far, or hypothesis saying that there is no change or difference
- Alternative Hypothesis (H₁): New argument, that is a hypothesis that you want to prove with solid ground obtained from sample

Example: Medicine B for treating headache that is newly developed by a pharmaceutical company has 30 minutes longer effect than existing Medicine A.

- H₀ : Medicine A and B have same effect
- H₁ : Medicine B has 30 minutes longer effect than Medicine A

Types of Hypothesis

Procedure of Hypothesis Testing

REC LIVE

The steps for hypothesis tests are as follows:

1. Define null and alternative hypotheses. H_0 H_a
2. Identify the test statistic to be used for testing the validity of the null hypothesis, for example, Z-test or t-test.
3. Decide the significance value (Alpha). Typical value used for α is 0.05.
4. Calculate the p-value (probability value), which is the conditional probability of observing the test statistic value when the null hypothesis is true. We will use the functions provided in scipy.stats module for calculating the p-value.
5. Take the decision to reject or retain the null hypothesis based on the p-value and the significance value α .



REC LIVE

How to frame hypothesis

- Hypothesis is a starting position that is open to a test and rejection in light of strong adverse evidence
- The initial belief is called the null hypothesis (H_0)
 - Generally the status quo
 - Action taken: Do nothing
- Its negation is called the alternative hypothesis (H_a , H_1)
 - Often a claim to be tested, or a change to be detected
 - Action taken: Do something
- The two hypotheses are:
 - Mutually exclusive
 - Collectively exhaustive

1-tail, 2-Tail
1-Sample, 2-Sample



Procedure to test the hypothesis

How to create the Null & Alternative hypothesis

Hypothesis Testing Process

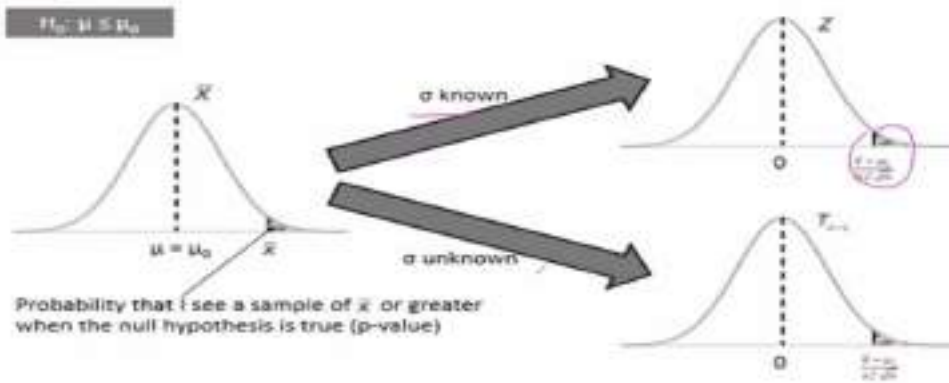


3. **Reject/Do Not Reject Hypothesis**
Is the sample information strongly inconsistent with the null hypothesis? If yes then the reject hypothesis.

1. **Start with Hypotheses about a Population Parameter**
Parameter could be mean, proportion or something else.

2. **Collect Sample Information**
Collect information from a randomly chosen sample and calculate the appropriate sample statistic.

Hypothesis Testing Process were explained



According to Probability Testing Null or alternative Hypothesis will be accepted or rejected

REC LIVE

Right-tailed hypothesis test (sample mean of 130)

Null Hypothesis: The additional spending is less than or equal to \$120
 $H_0: \mu \leq \mu_0 (120)$

Acceptable level of type-I error is 0.05
 $(\alpha = 0.05)$

$H_a: \mu > 120$

If I reject my null hypothesis that $\mu \leq 120$, I will be wrong with probability 0.01

Launch the loyalty card

12

Right – tailed hypothesis test explain briefly

REC LIVE

Python Hypothesis Test and Decision Problem (Answer)

Super Market example

```

In [7]: stats.t.ppf(0.25,df=20)
Out[7]: 0.8539832374101484

```

Call Center example

```

In [8]: stats.t.ppf(0.95,df=20)
Out[8]: -1.7316570544388413

```

```

In [9]: stats.t.ppf(1-0.05,df=10)
Out[9]: 1.812461102868597

```

One tail test

```

In [10]: stats.t.ppf(0.95, 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50)
Out[10]: array([ 0.691459,  0.853983,  1.05409,  1.327728,  1.645751,  2.085963,  2.575829,  3.152684,  3.858418,  4.780902,  5.880952])

```

ExcelR Solutions' screen

In Python Hypothesis Testing is shown

Total 313 Students appear from the Poona College (Computer Sci 7 BBA (CA)).

Attendance at the start & End of the session

7:04

Close Participants (443)

Search

	Ishrat Baig (me)			
	Himavanth Excelr (Host)			
	ExcelR Solutions (Co-host)			
	1am19is035			
	1AM19IS064_			
	6418 Aman Feroz			
	6504: Nayesha John Gunraj			
	6603 Aadam Munshi			
	6623 Ayesha Hannure			
	6627_ Shifa Khan			
	6664 Suhaib Shaikh			

Invite

7:39

Close Participants (503)

Search

	Ishrat Baig (me)			
	Himavanth Exc... (Host)			
	ExcelR Solutions (Co-host)			
	1am19is035			
	1AM19IS064_			
	6504: Nayesha John Gunraj			
	6603 Aadam Munshi			
	6623 Ayesha Hannure			
	6627_ Shifa Khan			
	6664 Suhaib Shaikh			
	8609_JAFER SHAIKH			

Invite

AKIS
POOANA COLLEGE OF ARTS SCIENCE & COMMERECE
DEPRTMENT OF COMPUTER SCIENCE & BBA(CA)

SESSION 4 DAY : 27TH JANUARY 2022 TIME : 6 PM To 8 PM



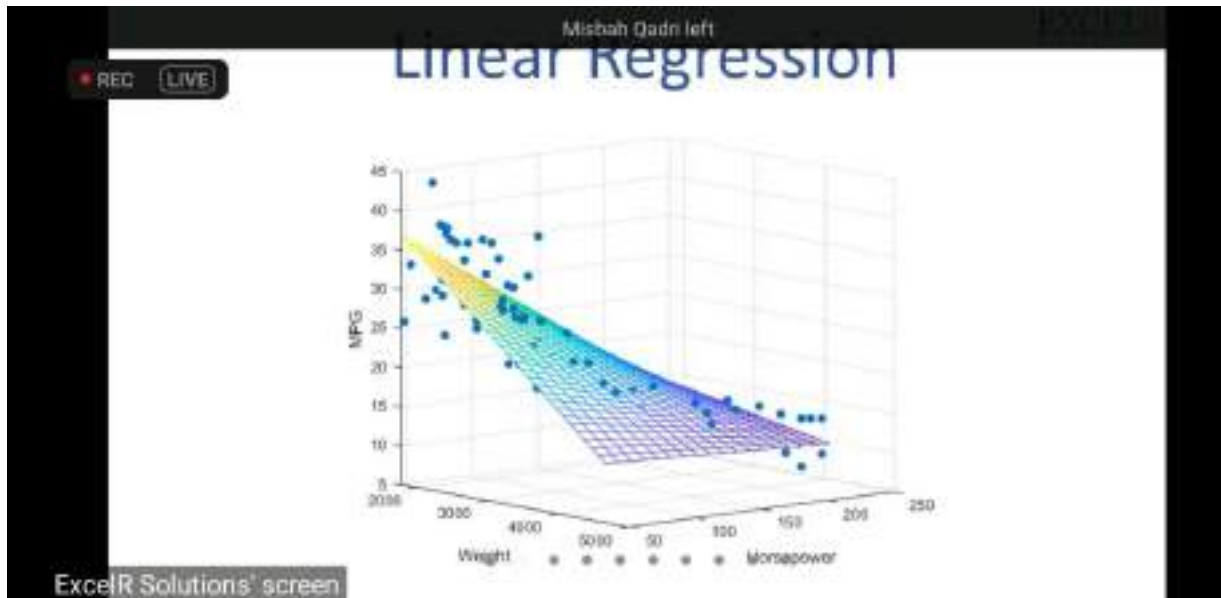
Start of the session 4

The 4th session started at sharp 6 PM. Mrs Munmun has started session with the revision of last 3rd session . After that Miss Shruti get intercatred with students about the notes and she explain every thing practically were we have to search for the recording and study material.



Miss Shruti Showing how to access the Notes On the Dashboard

The session starts with the topic Linear Regression. Definition and explanation . Everything were explain with the exampe. Topic coverd like scatter plot, correlation, co-relation r interpretation , rgression analysis, simple linear regression and below glimses of the session



Linear regression Explanation



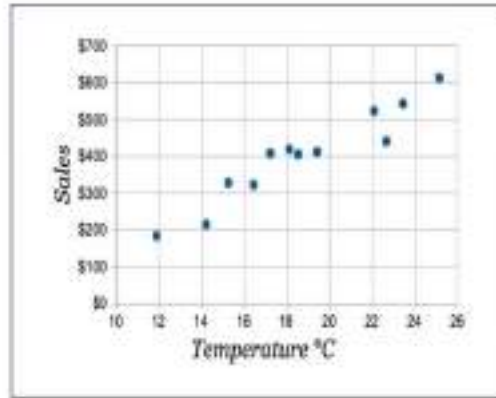
Scatter Plot

Scatter Plot

REC LIVE

A scatter plot (aka scatter chart, scatter graph) uses dots to represent values for two different numeric variables. Scatter plots are used to observe relationships between variables.

Temperature °C	Ice Cream Sales
14.2°	\$215
16.4°	\$325
11.9°	\$185
15.2°	\$332
18.5°	\$406
22.1°	\$522
19.4°	\$412
25.1°	\$614
23.4°	\$544
18.1°	\$421
22.6°	\$445
17.2°	\$408



Which variable affects which one?

ExcelR Solutions' screen

Scatter Plot with Example

Correlation r - Interpretation

REC LIVE

- Positive r indicates positive linear association between x and y or variables, and negative r indicates negative linear relationship
- r – always between -1 and +1
- The strength increases as r moves away from zero toward either -1 or +1
- The extreme values +1 and -1 indicate perfect linear relationship (points lie exactly along a straight line)
- Graded interpretation : r 0.1-0.3 = weak; 0.4-0.7 = moderate and 0.8-1.0=strong correlation



ExcelR Solutions' screen

Correlation r- Interpretation

Pearson Correlation

REC LIVE

Correlation is a bi-variate analysis that measures the strength of linear association between two variables and the direction of the relationship. Correlation is a statistical technique used to determine the degree to which two variables are linearly related.

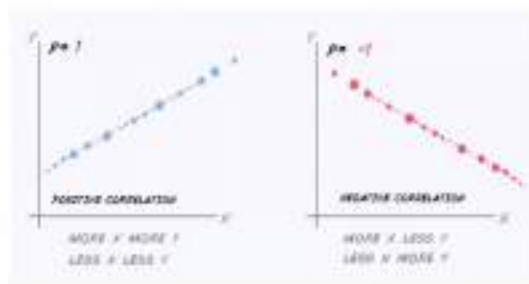


ExcelR Solutions' screen

Pearson Correlation

Correlation

REC LIVE

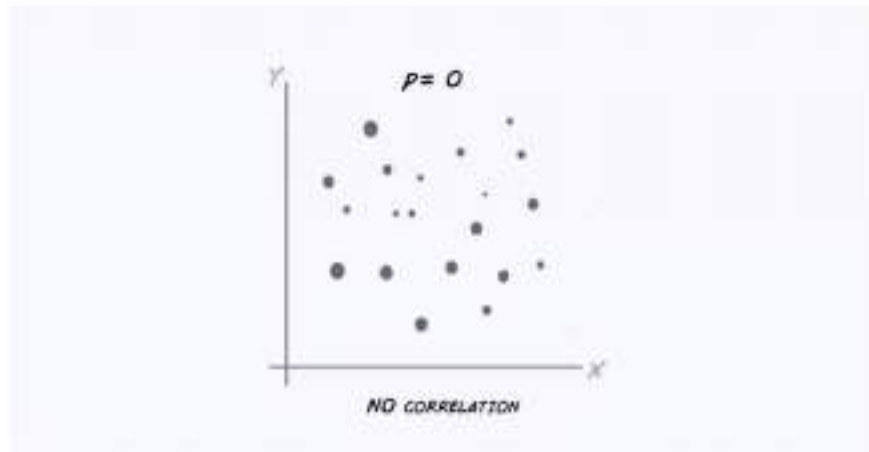


ExcelR Solutions' screen

Example of positive Negative correlation

Correlation

REC LIVE



Co-Relation With value zero

Regression Analysis

REC LIVE

- ✓ Regression Analysis + Correlation = Predict future performance using past results
- ✓ While Correlation explains the degree of linear relationship that exists between two variables, Regression defines the relationship more precisely
- ✓ Regression analysis is a tool that uses data on relevant variables to develop a prediction equation, or model
- ✓ It generates an equation to describe the statistical relationship between one or more predictors and the response variable and to predict new observations



Regression Analysis

Simple Linear Regression

REC LIVE

Simple linear regression is useful for finding relationship between two continuous variables. One is predictor or independent variable and other is response or dependent variable.

It looks for statistical relationship but **not deterministic relationship**.

For example, relationship between height and weight.

$$Y = \beta_0 + \beta_1 X + \varepsilon$$

✓ In Simple Linear Regression, a single variable "X" is used to define/predict Y

✓ E.g. Used car cost = B1 + (B2) x (Miles driven) + E (error)

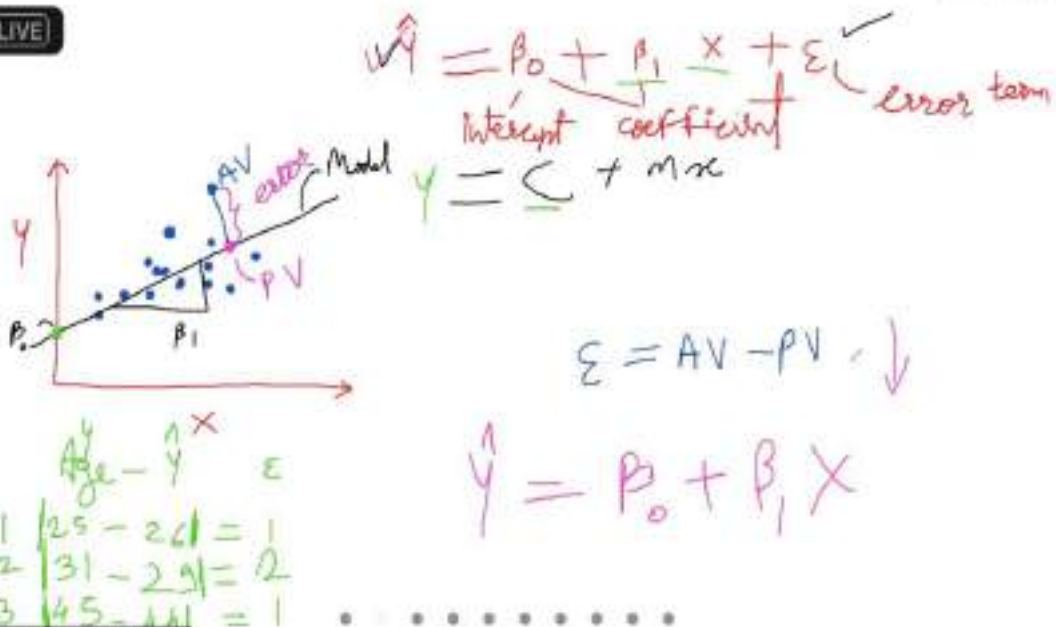
✓ Simple Regression Equation: $Y = B1 + (B2) * (X) + E$ (error)



ExcelR Solutions' screen

Simple linear Regression

REC LIVE



ExcelR Solutions' screen

Linear Equation Explanation

Business Case :The Newspaper Data

REC LIVE

- In order to investigate the feasibility of starting a Sunday edition for a large metropolitan newspaper, information was obtained from a sample of 34 newspapers concerning their daily and Sunday circulations (in thousands)

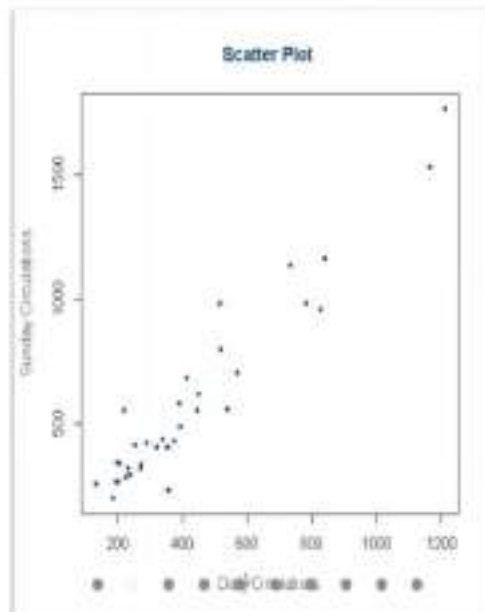
Newspaper	daily	sunday	Newspaper	daily	sunday
Baltimore Sun	381,952	488,586	New York Daily News	782,796	782,24
Boston Globe	516,881	798,288	New York Times	1,200,225	1,742,413
Boston Herald	325,628	435,284	Newsday	875,512	882,828
Charlotte Observer	338,205	471,451	Omaha World Herald	272,740	384,812
Chicago Sun Times	287,78	325,092	Orange County Register	324,823	407,79
Chicago Tribune	733,771	1,112,243	Philadelphia Inquirer	615,213	882,862
Cincinnati Enquirer	198,831	448,744	Pittsburgh Press	318,485	337
Denver Post	282,824	413,770	Portland Oregonian	217,672	483,812
Des Moines Register	208,204	348,522	Providence Journal Bulletin	191,12	208,09
Hartford Courant	233,177	325,284	Rockford Democrat & Chronicle	133,235	282,048
Houston Chronicle	648,245	870,752	Rocky Mountain News	374,059	432,502
Kansas City Star	288,571	425,385	Sacramento Bee	373,844	338,353
Los Angeles Daily News	185,236	202,814	San Francisco Chronicle	771,884	704,111
Los Angeles Times	1,064,188	1,531,327	St. Louis Post-Dispatch	391,284	583,881
Miami Herald	644,381	555,670	St. Paul Pioneer Press	202,386	317,701
Minneapolis Star Tribune	412,871	585,575	Tampa Tribune	322,609	424,348
New Orleans Times-Picayune	271,14	314,782			

ExcelR Solutions' screen 1994

With case study explanation

Scatter Plot: The Newspaper data

REC LIVE



ExcelR Solutions' screen

According to case study scatter plot

The Best Line: Least Squares Method

REC LIVE

- The line of our interest is:

$$\text{Sunday} = \beta_0 + \beta_1 \text{Daily} + \varepsilon$$

or

$$Y = \beta_0 + \beta_1 X + \varepsilon$$

$$\hat{\beta}_1 = \frac{\sum (y_i - \bar{y})(x_i - \bar{x})}{\sum (x_i - \bar{x})^2}$$

$$\hat{\beta}_0 = \bar{y} - \hat{\beta}_1 \bar{x}$$

.....

11

Least square Method

Coefficient of Determination R²

REC LIVE

Proportion of variation in Y "explained" by the regression on X

$$r^2 = \frac{\text{explained variation}}{\text{total variation}} = \frac{SSR}{SST} \quad 0 \leq r^2 \leq 1$$

.....

11

ExcelR Solutions' screen

Coefficient of determination

Simple Linear Regression: The Newspaper

REC LIVE

$$\hat{y} = 11.84 + 1.34x$$

Regression Output

Coefficients	Estimate	t value	Pr(> t)
(Intercept) $\beta_0 =$	13.83565	0.386	0.702
daily $\beta_1 =$	1.33971	18.935	<2e-16
Multiple R-squared: 0.9181, Adjusted R-squared: 0.9155			
F-statistic: 358.5 on 1 and 32 DF, p-value: < 2.2e-16			

Handwritten notes: α next to Pr(>|t|) column, ≤ 0.05 next to 0.702, ≤ 0.05 next to <2e-16, > 0.85 next to Multiple R-squared.

ExcelR Solutions' screen

linear regression For Case study

The screenshot shows a Jupyter Notebook interface with the following content:

```

In [1]: import pandas as pd
data = pd.read_csv("newspaper1616.csv")
data.head()

Out[1]:
   newspaper  daily  sunday
0  Dallas Mail  391862  446500
1  DallasGaz  216081  190200
2  DallasMorn  390500  210000
3  DallasTimes  236185  210400
4  DallasStar  307780  388300

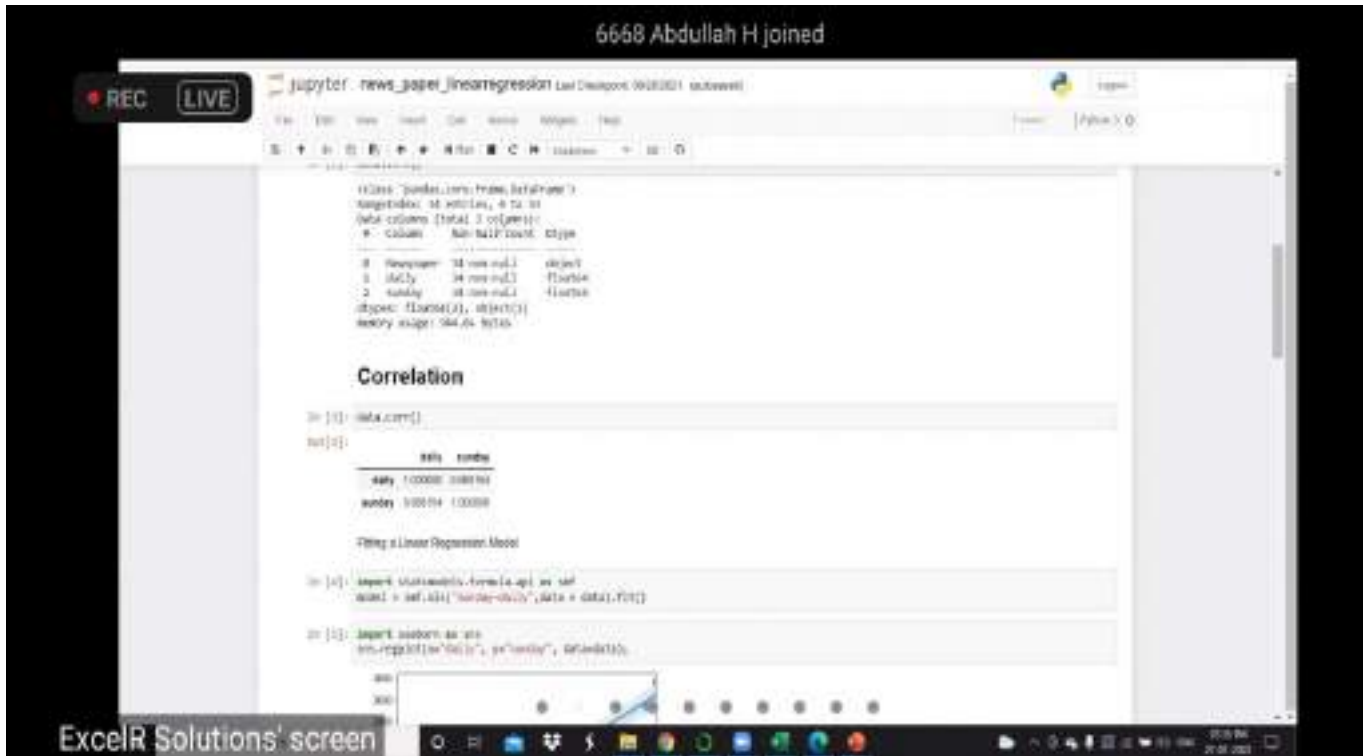
In [2]: data.info()

Out[2]:
Out[2]: pandas.core.frame.DataFrame
RangeIndex: 14 entries, 0 to 13
Data columns (total 3 columns):
 #   column  non-null count  dtype
---  ---
 0  newspaper  14 non-null  object
 1  daily      14 non-null  float64
 2  sunday     14 non-null  float64
dtypes: object(1), float64(2)
memory usage: 616.0+ bytes
    
```

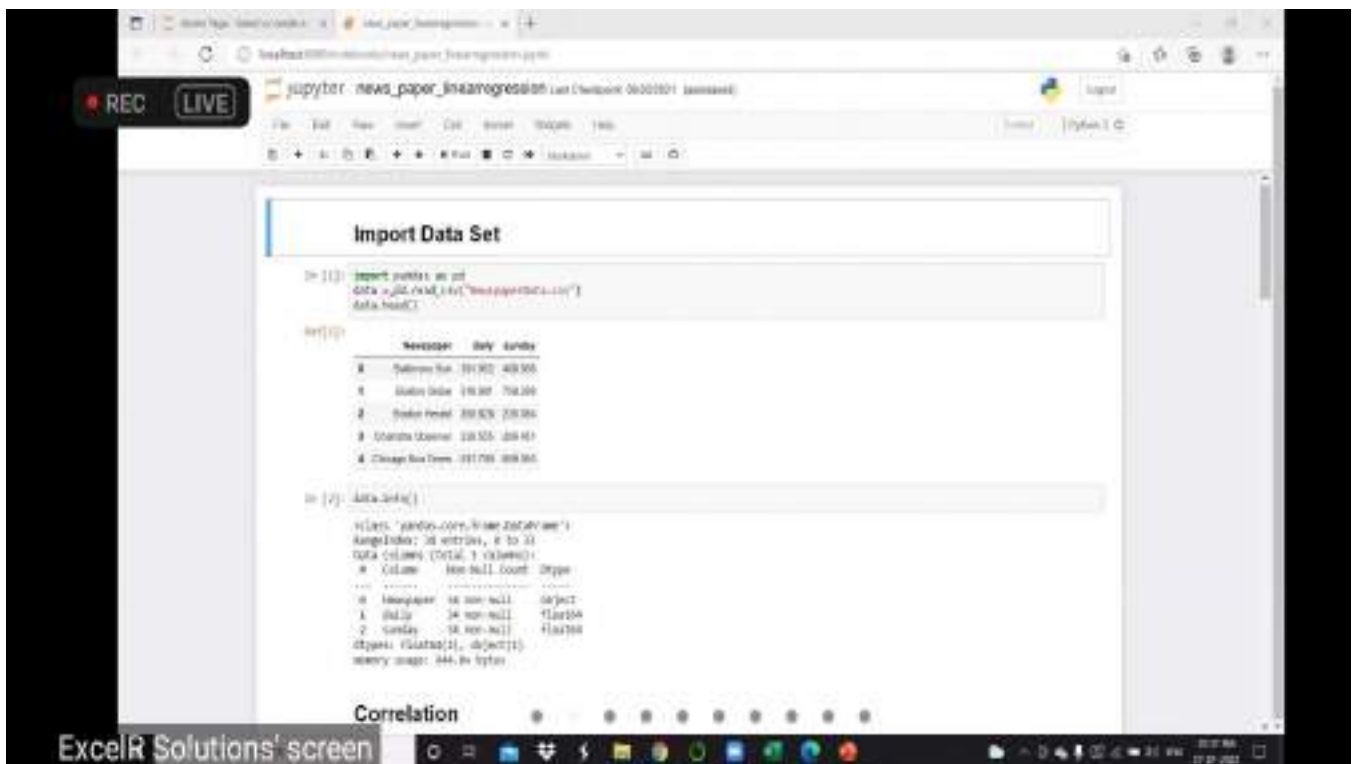
Below the code, there is a section titled "Correlation" which is partially visible.

ExcelR Solutions' screen

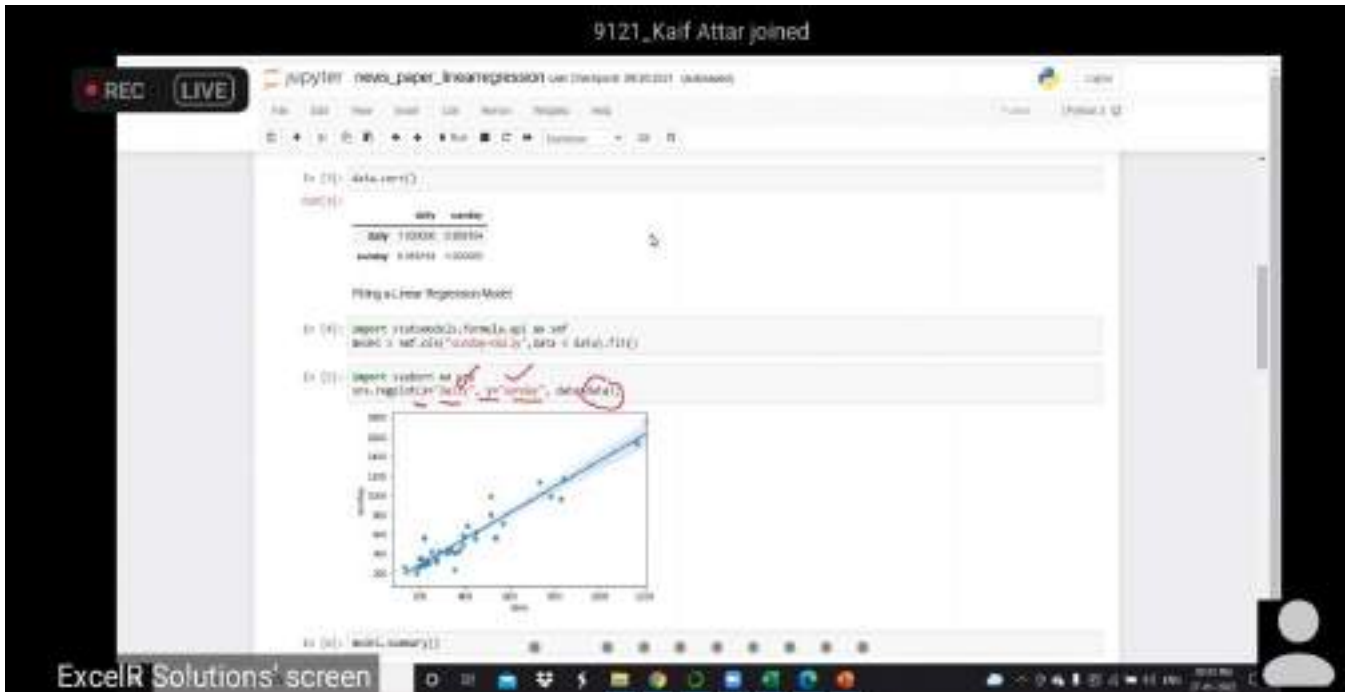
Through the Python case study solved using function



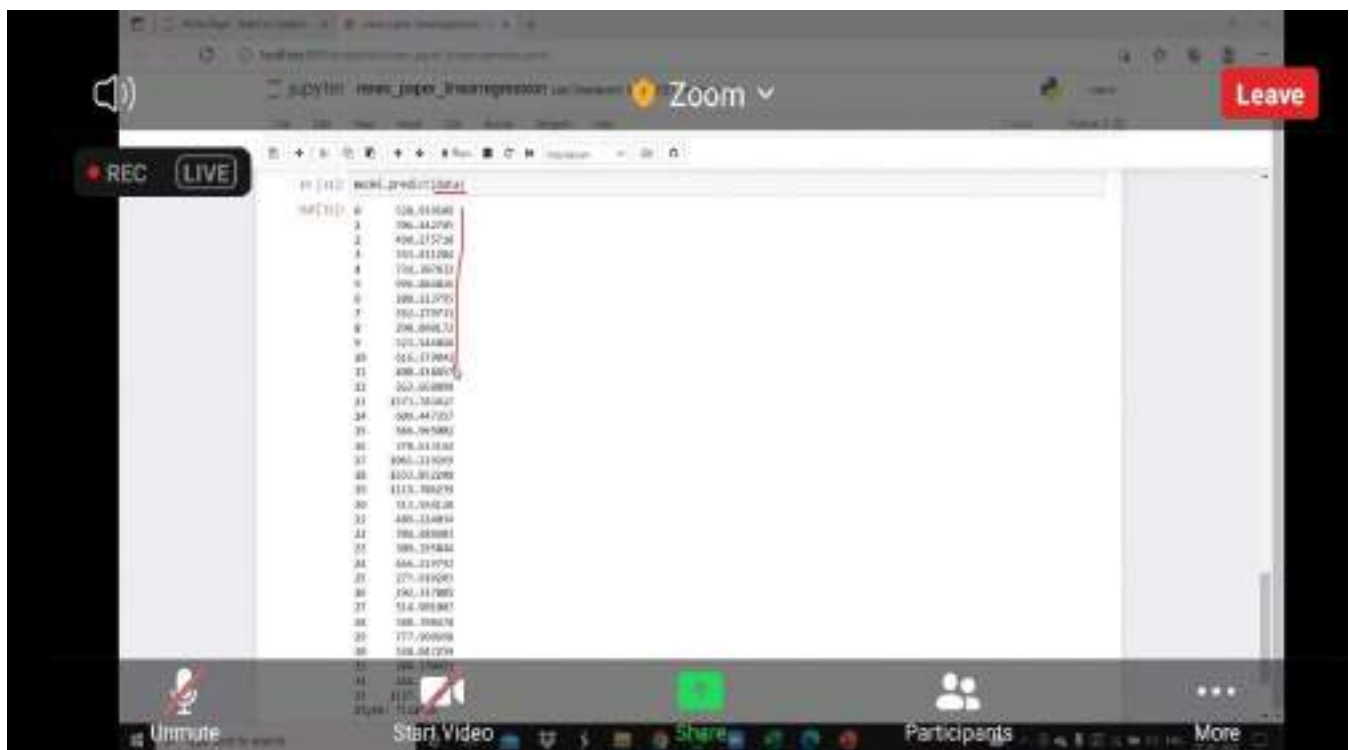
Correlation in python



Data Import Using Python



Linear Regression Created By python Code



using Predict Function New variable added for new prediction

Predict for new data point

```
In [11]: predict_for_new_data_daily(continuation
        result=series[['age', 'wfe']])

In [12]: data_predicted = data_new.predicted['daily']

In [13]: data_pred

Out[13]:
    age
0  20
1  30
```

```
In [14]: model.predict(data_pred)

Out[14]:
0    234.77832
1    413.70667
dtype: float64

In [17]: model.predict(data)

Out[17]:
0    108.09549
1    198.44795
2    288.11528
3    378.13282
4    468.10032
5    558.09828
6    648.11379
7    732.11973
8    828.09972
9    918.14884
10   1008.11982
11   1098.11972
```

ExcelR Solutions' screen

New point predicted







































































EXCEL R

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3$$

Scatter Plot

X_1	X_2	X_3	Y
Age	WFE	Premiership	Salary

For Multi valued equation for scatter plot

7:41	6:49
Close Participants (399)	Close Participants (357)
Search	Search
 Ishrat Baig (me)  	 Ishrat Baig (me)  
 HE Himavanth Exc... (Host)   	 HE Himavanth Excelr (Host)   
 ES ExcelR Solutions (Co-host)   	 ES ExcelR Solutions (Co-host)   
 6419 Nizafatima Khan  	 20ME11 Huzaifa khan  
 6S 6427- Shaikh Juveriya  	 A 6408_ Armaan Kazi  
 6A 6435 Aquida  	 6419 Nizafatima Khan  
 6444 Farhan Shaikh  	 6S 6427- Shaikh Juveriya  
 P 6513 Afiya Pathan  	 6A 6435 Aquida  
 6P 6514 Pathan Sadiya  	 6465 Aves Pathan  
 6S 6523 Sohail  	 6517 Shaban Shaikh  
 6J 6527 Jonathan Peter  	 6S 6523 Sohail  
Invite	Invite

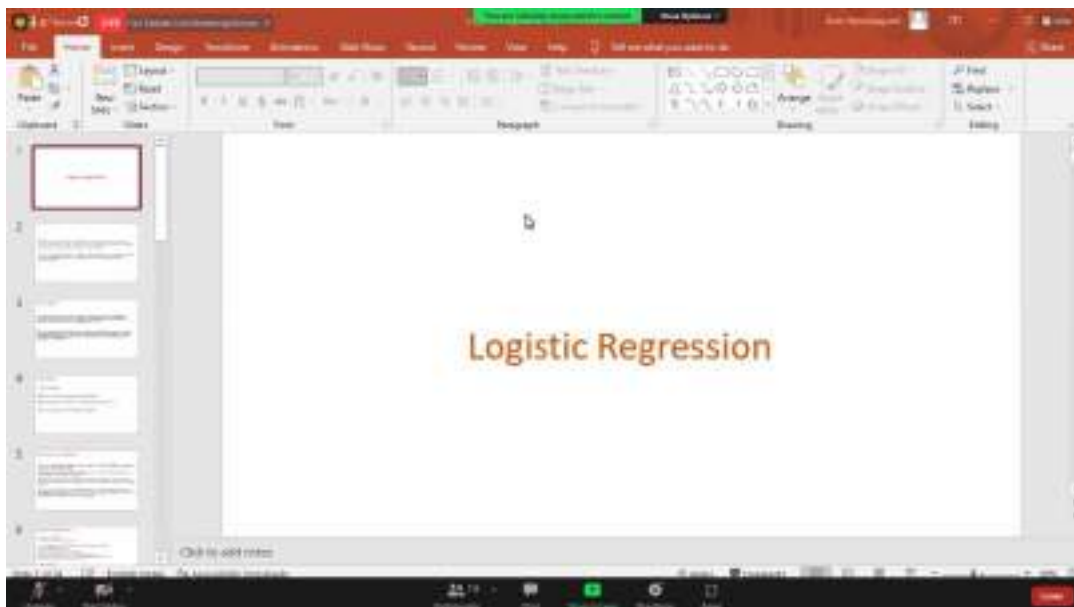
Attendance Of start and end of the session

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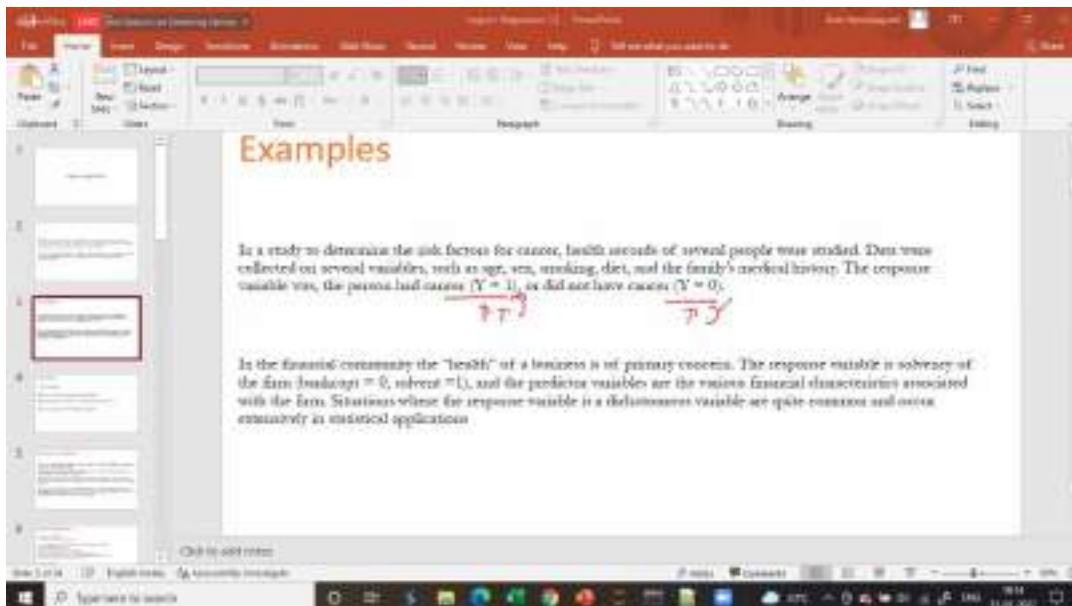
**ExcelR : 40 Hours Live Virtual Data Science
Taining Program**

SESSION 5 DAY : 31st JANUARY 2022 TIME : 6 PM to 8 PM

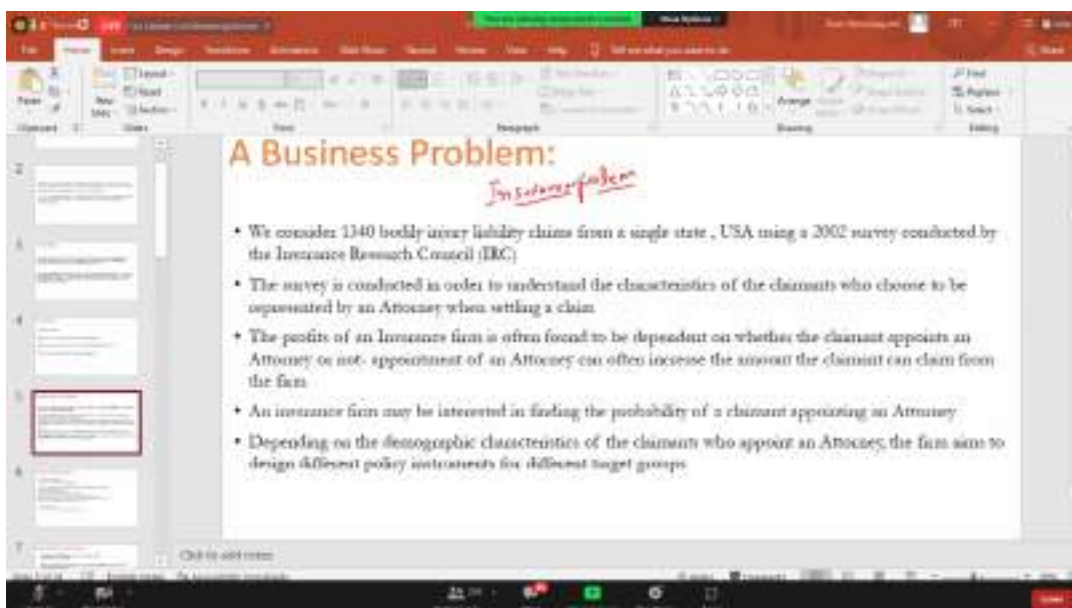
The 5th day session started at 6 PM. The speaker for the session was Mr. Varun. The topic of the session was Logistic Regression. He started the session with the explanation of the concept of Logistic Regression with the help of examples and case study. He also explain linear Regression and why to use Logistic Regression and why we cannot use Multiple linear Regression. He also expalined the Logistic Function, Sigmoid Versus Linear Shape, Logistic Curve, building a Logistic Regression model and evaluating the accuracy of the Model. Finally he expalined the concept of Logistic Regression using Python. Few glimpses of the session are:



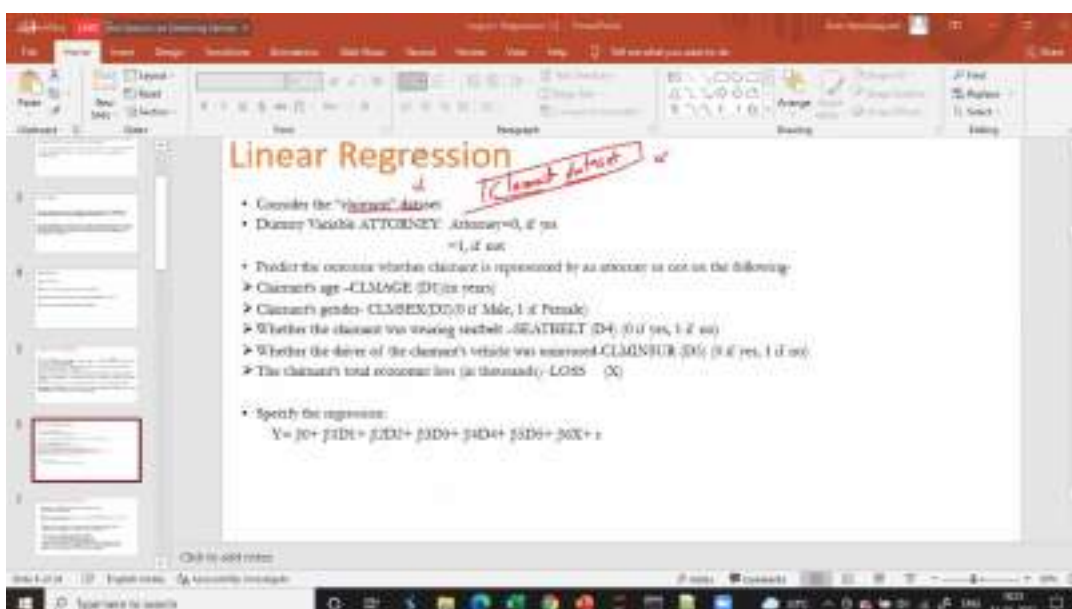
Explanation of Logistic Regression



Examples of Logistic Regression



Explanation of Case study




Explanation of Linear Regression

Conditional Expectation:

- Now what to predict? Only two possibilities for the response variable. Either claimant is attorney, or not.
- Given a set of values of explanatory variables, can we predict with 100% certainty that the claimant is represented by an attorney, not?
- Of Course, the only thing we can reasonably try to predict is the probability that the claimant is represented by an attorney given a set of values for the explanatory variables
- Like in linear regression, we predict the regression function:

$$E(Y|X) = \beta_0 + \beta_1 D_1 + \beta_2 D_2 + \beta_3 D_3 + \beta_4 D_4 + \beta_5 D_5 + \beta_6 X$$
- **Conditional Probability.** But interpretation different! Now it represents the probability that the claimant is not represented by an attorney given the set of values of the explanatory variables. $E(Y|X)$ is the conditional probability that the event Y will occur given X



Explanation of Linear Regression

Linear Regression Output of proposed model:

Coefficients:	Intercept	Attorney	Female	Age	Attorney * Female	Attorney * Age
Estimate	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SE	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
t-ratio	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
p-value	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Observed	Gender	Predicted value
100	0	0.00000000
100	0	0.00000000
100	0	0.00000000
100	0	0.00000000
100	1	0.00000000
100	1	0.00000000

A rougher output

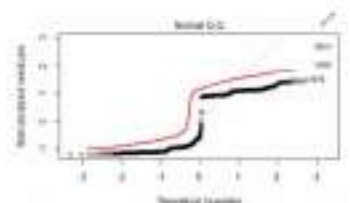
- Not all predicted values lie between 0 and 1
- Some predicted values [predicted probability in LPM] is negative!

Explanation of Linear Regression output of Proposed Model

Problems with Linear Probability Model:

1. No guarantee that $E(Y|X)$ will lie between 0 and 1

But then probability interpretation doesn't make sense!



Standard Equation: $\text{Attorney} = \beta_0 + \beta_1 \text{Female} + \beta_2 \text{Age} + \beta_3 \text{Attorney} * \text{Female} + \beta_4 \text{Attorney} * \text{Age} + \epsilon$

Explanation of Problem with Linear Probability Model

A way... Logistic Function

Logistic regression is named for the function used at the core of the method, the logistic function.

The logistic function, also called the sigmoid function was developed by statisticians to describe properties of population growth of bacteria in ecology, rising quickly and leveling out at the carrying capacity of the environment.

It's an S-shaped curve that can take any real-valued number and map it into a value between 0 and 1, but

$$\frac{1}{1 + e^{-\text{value}}}$$

Where e is the base of the natural logarithm and value is the actual numerical value that you want to transform.

Handwritten notes: $B_0 + B_1X_1 + B_2X_2 + \dots$ is our logistic function

Explanation of Logistic Function

Sigmoid Shape Versus Linear Shape

Explanation of Sigmoid Shape Vs Linear Shape

Logistic Function

- $P_i = E(Y_i=1 | X_i) = \beta_0 + \beta_1D1 + \beta_2D2 + \beta_3D3 + \beta_4D4 + \beta_5D5 + \beta_6X_i$ - LPM representation.
- Instead we represent: Using Logistic function.
 $P_i = E(Y_i=1 | X_i) = 1 / (1 + e^{-(\beta_0 + \beta_1D1 + \beta_2D2 + \beta_3D3 + \beta_4D4 + \beta_5D5 + \beta_6X_i)})$
- For exposition we write
 $P_i = E(Y_i=1 | X_i) = 1 / (1 + e^{-x_i}) = \pi_i / (1 + \pi_i)$
 Where $\pi_i = \beta_0 + \beta_1D1 + \beta_2D2 + \beta_3D3 + \beta_4D4 + \beta_5D5 + \beta_6X_i$

Explanation of Logistic Function

Confusion matrix & Goodness of fit

	Observed 1's	Observed 0's
Predicted 1's	a (TP)	b (FP)
Predicted 0's	c (FN)	d (TN)

Map events in a and d to 1 and 0 respectively.
 Map events in b and c to 1 and 0 respectively.
 Sensitivity = $a/(a+c)$
 Specificity = $d/(b+d)$
 High sensitivity and specificity indicate good fit.

Confusion matrix
 Errors
 Similar matrix
 Compute PV & RA by accuracy for logistic/learn model
 True Positive (TP), False Positive (FP), False Negative (FN), True Negative (TN)
 Precision = $a/(a+b)$
 Recall = $a/(a+c)$
 F1 score = $2 * \text{Precision} * \text{Recall} / (\text{Precision} + \text{Recall})$

Explanation of Confusion Matrix and Goodness of Fit

Sensitivity or Recall (True Positive Rate): Sensitivity is the conditional probability that the actual class is positive. Mathematically, sensitivity is given by: $\frac{a}{a+c}$

Specificity (True Negative Rate): Specificity is the conditional probability that the actual class is negative. Mathematically, specificity is given by: $\frac{d}{b+d}$

Precision: Precision is the conditional probability that the actual value is positive given that the predicted value is positive. Mathematically, precision is given by: $\frac{a}{a+b}$

F-score: F-score is a measure that combines precision and recall (harmonic mean). Mathematically, F-score is given by: $\frac{2 * \text{Precision} * \text{Recall}}{\text{Precision} + \text{Recall}}$

Explanation of Precision & F-score

```

import pandas as pd
import numpy as np
from sklearn.linear_model import LogisticRegression
from sklearn.metrics import confusion_matrix, classification_report
from sklearn.preprocessing import StandardScaler

# loading client's data
clients = pd.read_csv('clients.csv')
clients

# scaling client's data
scaler = StandardScaler()
clients_scaled = scaler.fit_transform(clients)

# creating classifier
model = LogisticRegression()
model.fit(clients_scaled, clients['status'])

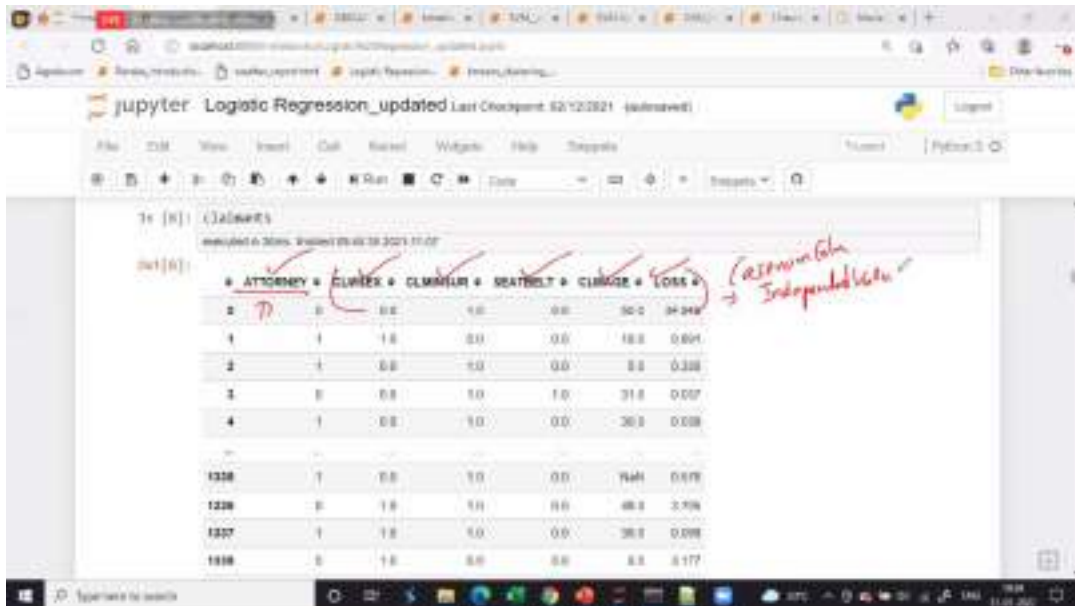
# testing classifier
y_pred = model.predict(clients_scaled)

# confusion matrix
cm = confusion_matrix(clients['status'], y_pred)
print(cm)

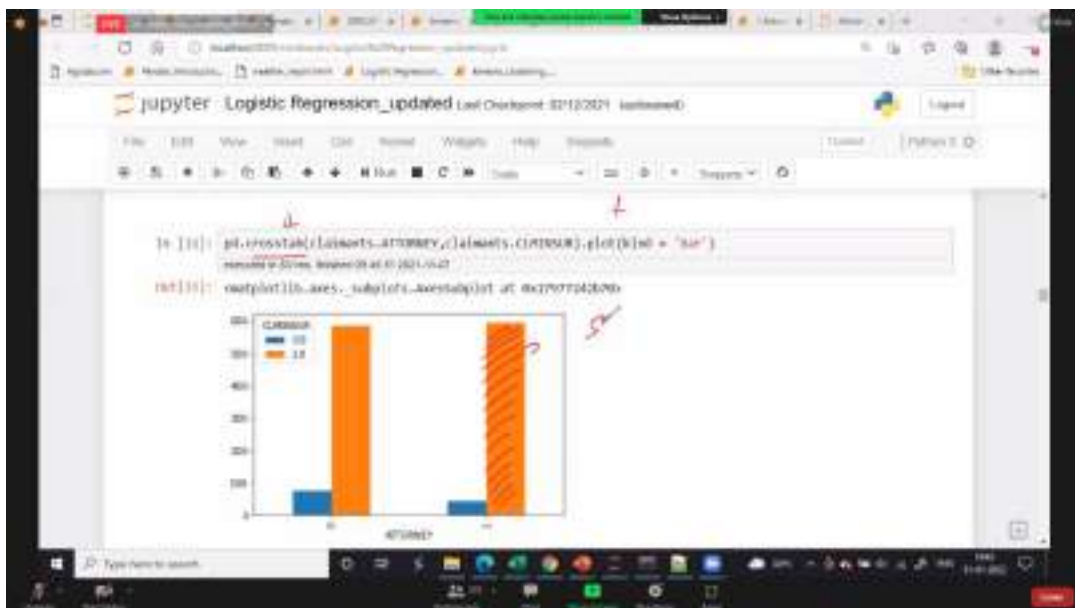
# classification report
print(classification_report(clients['status'], y_pred))
  
```

sklearn models \rightarrow M (models)

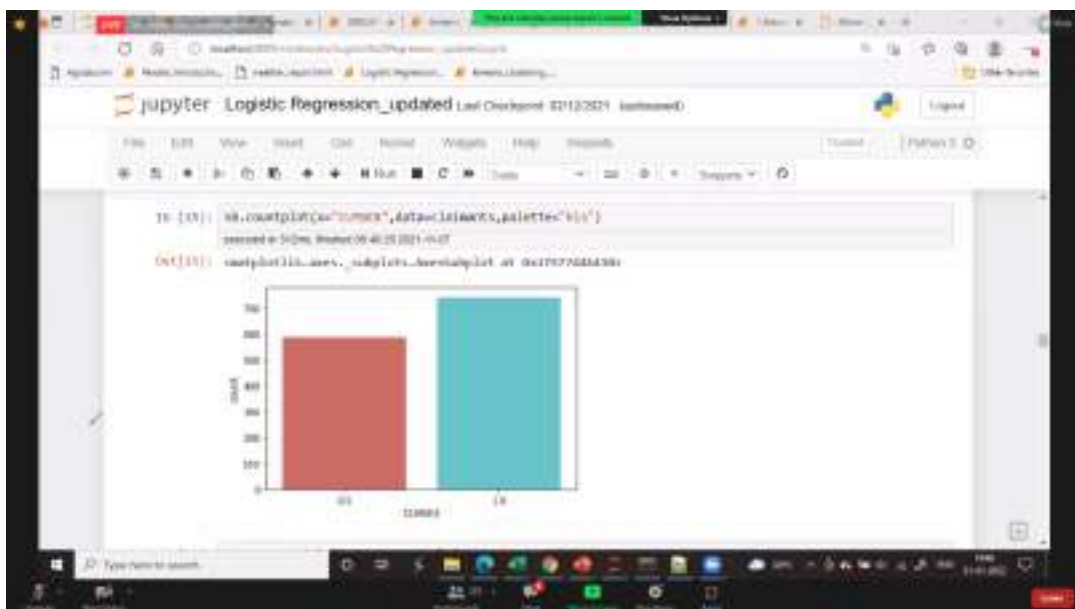
Hands on using Python



Hands on using Python



Hands on using Python



Hands on using Python

```

out[16]: array([[5.99974215e-01, 2.57000349e-01],
               [4.4402228e-01, 5.8579772e-01],
               [4.1973757e-01, 5.7520312e-01],
               ...,
               [2.8541633e-01, 7.3496369e-01],
               [6.8588552e-01, 5.3451447e-01],
               [3.1804322e-01, 6.6115837e-01]])

In [17]: y_pred = classifier.predict(X)
         classifier.classes_[1] = y_pred
         classifier

Out[17]:
+ ATTORNEY + CLMSEX + CLMISUR + SEATBELT + CLMAGE + LOIS + y_pred +
+-----+-----+-----+-----+-----+-----+-----+
| 0 | 0 | 10 | 10 | 10 | 50000 | 34940 | 0 |
| 1 | 1 | 10 | 10 | 10 | 10000 | 5000 | 1 |
| 2 | 1 | 10 | 10 | 10 | 10000 | 5000 | 1 |
| 3 | 0 | 10 | 10 | 10 | 10000 | 5000 | 0 |

```

Hands on using Python

```

accuracy
accuracy in 1000 iterations on 2017-05-15:

Out[12]: 0.3612313412815821

In [13]: from sklearn.metrics import classification_report
         print(classification_report(y, y_pred))

accuracy in 1000 iterations on 2017-05-15:

              precision    recall  f1-score   support

     0       0.75      0.68      0.71      680
     1       0.67      0.18      0.27      650

 accuracy
macro avg      0.71      0.43      0.59      1330
weighted avg   0.71      0.43      0.59      1330

In [14]: from sklearn.metrics import roc_auc_score
         from sklearn.metrics import roc_curve
         logit_roc_auc_score(y, classifier.predict(X))

```

Hands on using Python

**Ms. Shaheda Ansari
Inchage for Day 5**

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Poona College of Arts, Science & Commerce
Department of Computer Science and BBA(CA)

**ExcelR : 40 Hours Live Virtual Data Science
Taining Program**

SESSION 6 DAY : 1st February 2022 TIME : 6 PM to 8 PM

The 6th day session started at 6:05 PM. The speaker for the session was Mr. Srin Gurrala. The topic of the session was Clustering. He started the session with the explanation of the concept of Clustering, two types of Clustering i.e. Hirachical Clustering and K-means Clustering, and Clustering Algorithms, with the help of examples. Finally he expalined the concept of Clustering using Python. Few glimses of the session are:



Explation of Clustering

Learning Goals

- What is Clustering
- Hierarchical Clustering
- K-Means Clustering

Handwritten notes:
 group of observations together
 Similar observations group them together
 Hospital
 Similar observations → Cluster head
 Flock of birds
 Similar observations → Cluster head
 Flock of birds

Explanation of Clustering Types

What is clustering?

Cluster Analysis ("data segmentation") is an exploratory method for identifying homogeneous groups ("clusters") of records.

Handwritten notes:
 Similar records should belong to the same cluster
 Dissimilar records should belong to different clusters
 practical application clustering model
 cluster

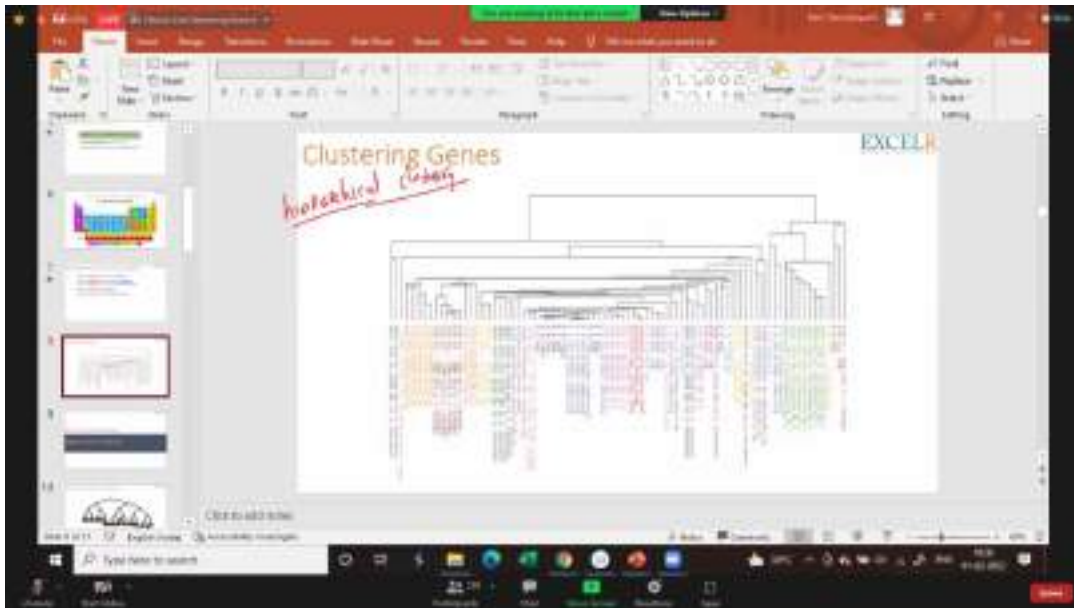
Explanation of Clustering

Nature is "naturally" organized

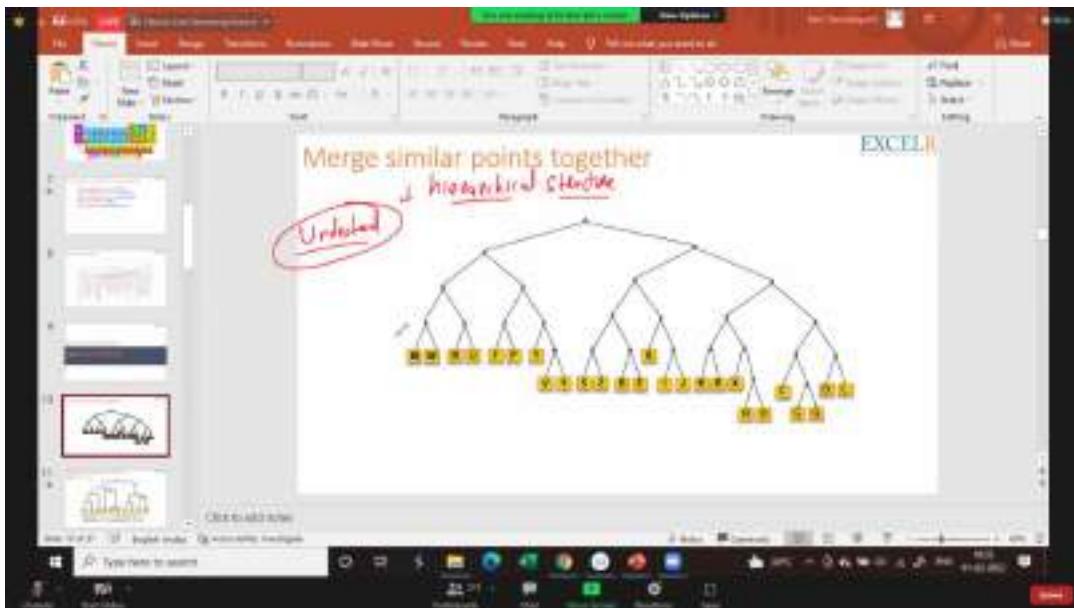
Periodic Table of the Elements

Handwritten note:
 Periodic table is organized

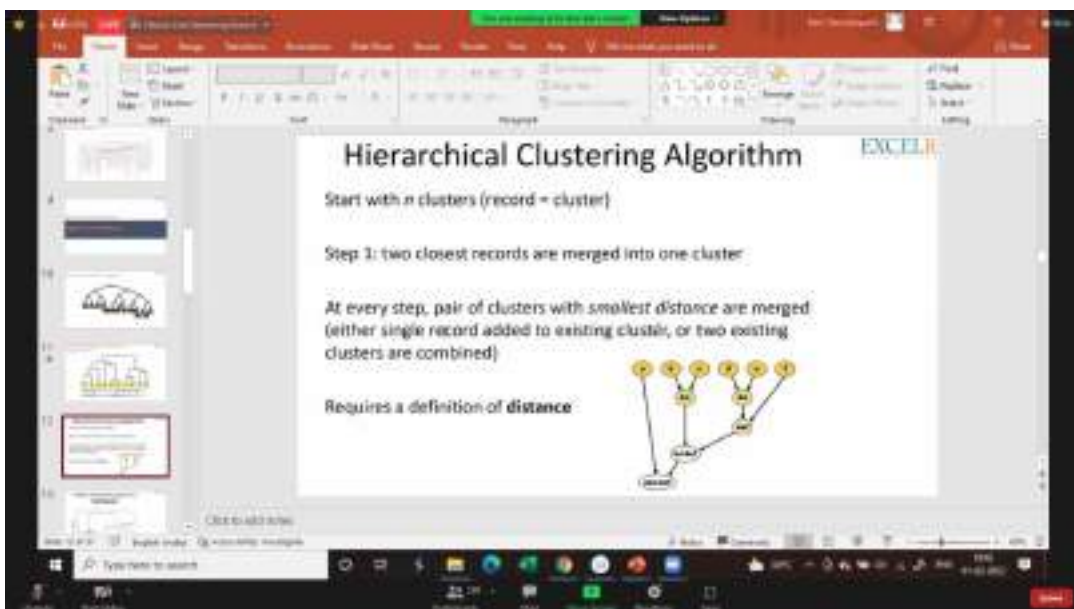
Example of Clustering



Example of Clustering



Explanation of Hierarchical Clustering



Explanation of Hierarchical Clustering

Dendrograms: Display the Clustering Process

Tree-like diagram that summarize the clustering process

- Similar records joined by links
- Record location determined by similarity to other records

Explanation of Dendrograms

jupyter Housing_updates

```

1 [X]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
url = pd.read_csv("data_structures/Clustering.csv")
url

In[ ]:
Out[ ]:

```

	Univ	MT	Tenrs	Accept	EMRate	Expenses	GradRate
0	Brown	1970	86	25	15	22754	84
1	Carleton	1970	136	23	9	30375	81
2	Dartmouth	1280	54	26	6	29028	73
3	Columbia	1310	75	24	12	31510	80
4	Cornell	1280	81	25	13	24884	80
5	Dartmouth	1240	66	22	10	21422	80

Hands on using Python

jupyter Housing_updates

```

21 0.10122 0.19867 0.71364 -0.47364 0.05740 0.13333
24 0.02478 0.12886 0.18770 -0.26716 0.83207 0.08887

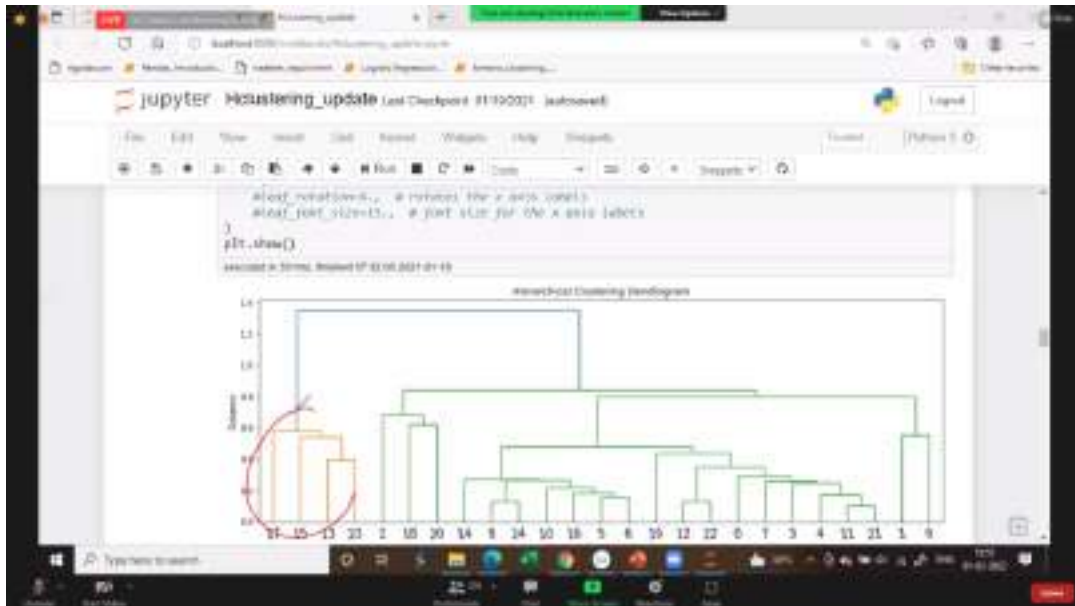
22 [X]: from sklearn.preprocessing import MinMaxScaler
trans = MinMaxScaler()
data = pd.DataFrame(trans.fit_transform(url[['1', '2']]))
data

In[ ]:
Out[ ]:

```

	1	2
0	0.10122	0.19867
1	0.02478	0.12886
2	0.18770	-0.26716
3	0.83207	0.08887
4	0.05740	0.13333
5	0.13333	0.05740

Hands on using Python



Hands on using Python

Ms. Shaheda Ansari
Inchage for Day 6

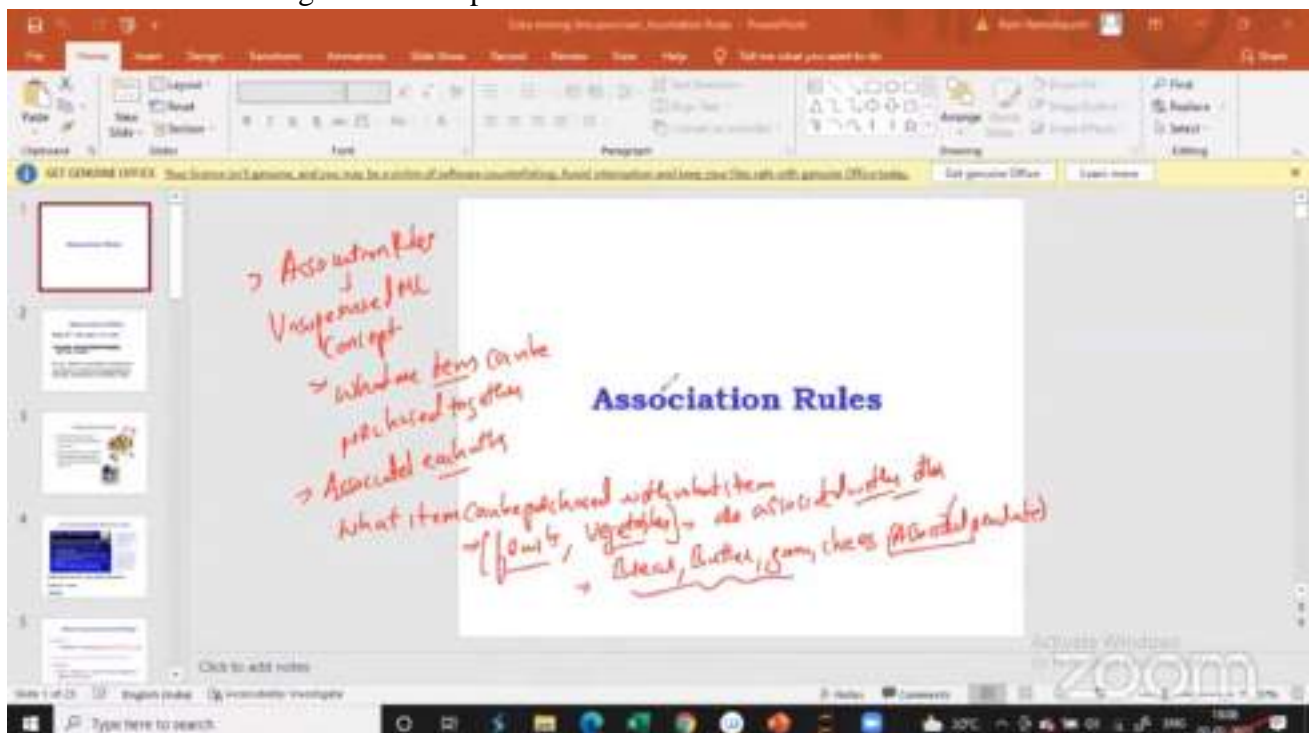
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POONA COLEGE OF ARTS SCIENCE & COMMERCE
DEPARTMENT OF COMPUTER SCIENCE & BBA (CA)

SESSION 7 DAY : 03rd FEBRUARY 2022 TIME : 6 PM To 8 PM



Start of Session (EXCELR) on 03rd FEBRUARY 2022 at 6 pm 2022

The seventh day session started with revision of last session clustering. After that session start with Association rules with examples using excel file. In detail association rules was explained. Association rule mining was also explained in details.



Introduction of Association Rules

What Is Association Rule Mining?

If (A) then (B) statements
(Antecedent) (Consequent)
item

■ **Rule form**
 Antecedent → Consequent [support, confidence] And lift

If Then statements
If then butter.

(support and confidence are user defined measures of interestingness)

■ **Examples**

Antecedent (computer) *Consequent (software)*

- buys(x, "computer") → buys(x, "financial management software") [0.5%, 60%]
- age(x, "30..39" ^ income(x, "42..48K") → buys(x, "car") [1%, 75%]

Age (30-39) *Income (42-48K)* *car*

zoqm

Association Rule Mining

Generating frequent item sets:

The Apriori Algorithm

For k products... k items in goods

1. Set minimum support criterion → *minimum support criteria = 50%*
2. Generate list of one-item sets that meet the support criterion
3. Use list of one-item sets to generate list of two-item sets that meet support criterion
4. Use list of two-item sets to generate list of three-item sets that meet support criterion
5. Continue up through k-item sets

[I1] *[I2]* *[I3]* *[I1, I2]* *[I1, I3]* *[I2, I3]* *[I1, I2, I3]*

Apriori function

zoqm

The Apriori Algorithm

Microsoft PowerPoint - Supporting Document: Analytics Quiz - PowerPoint

What is the support for "if white then blue"? (choose one or more)

1. 4
2. 40%
3. 2
4. 90%

Life table

Transaction #	Height	Color	Gender
1	red	white	green
2	white	orange	
3	white	blue	
4	red	white	orange
5	red	blue	
6	white	blue	
7	white	orange	
8	red	white	blue
9	red	white	blue
10	yellow		

zooin

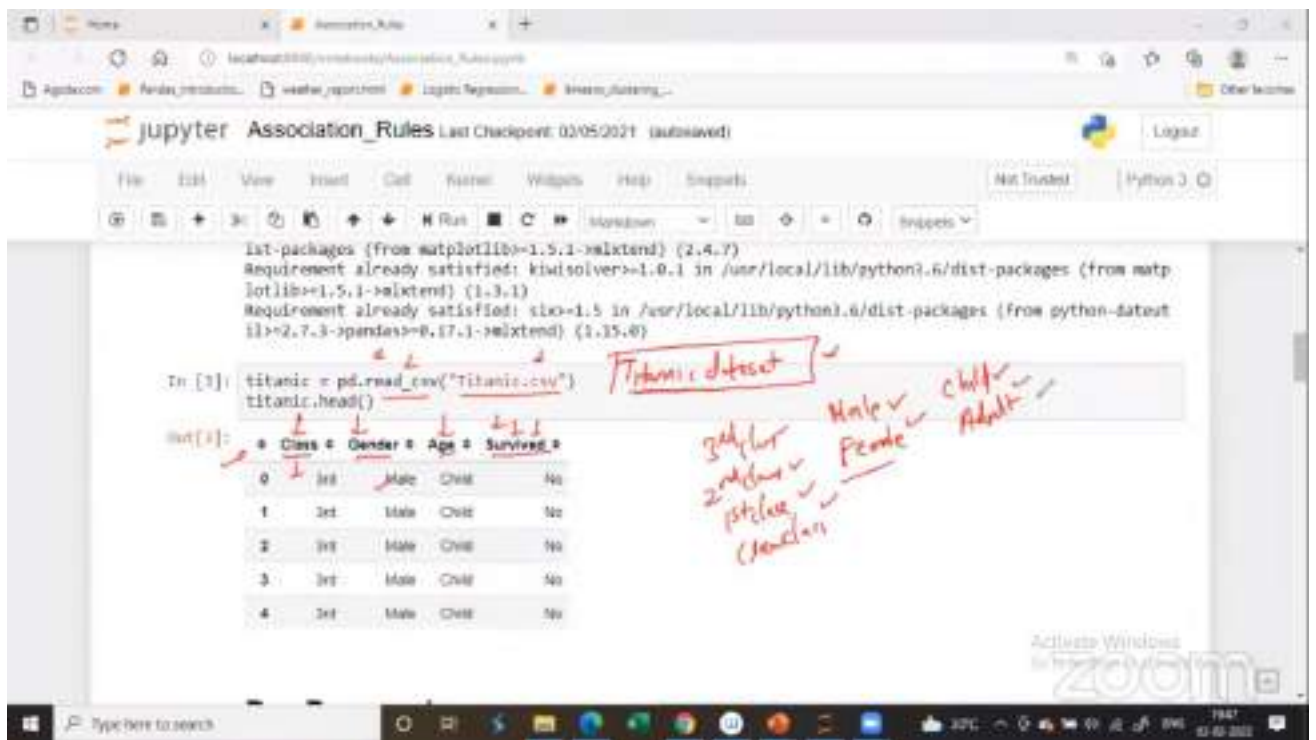
Solving the examples

jupyter

- 1 Feature Selection.ipynb 8 year ago 10.0 kB
- 1 NumPy Basics - Arrays and Vectorized operations.ipynb 8 months ago 136 kB
- 1 Principal Component Analysis.ipynb 8 year ago 50.1 kB
- 1 Neural Network_Back Propagation_scaled.ipynb Running 4 hours ago 120 kB
- 1 1st/2nd Moment of Business Decision.ipynb 8 year ago 356 kB
- 2 Scaling, Normalizing.ipynb 8 year ago 0.1 kB
- 2 NN_Hyperparameter Tuning.ipynb Running 4 hours ago 60.2 kB
- 3 Data Processing Assignment.ipynb 8 year ago 726 kB
- 3 Hierarchical Clustering.ipynb 8 year ago 56 kB
- 3 3rd/4th Moment of Business Decision.ipynb 8 year ago 351 kB
- 5.1 Autoencoders and Embeddings.ipynb 8 year ago 545 kB
- 5B. Decision Trees.ipynb 8 year ago 28.0 kB
- 7 ARMA.ipynb 8 year ago 4.21 MB
- 7 Random Forest.ipynb 8 year ago 20.1 kB
- 7.1 RNN and LSTM.ipynb 8 year ago 187 kB

zooin

Example was shared using local host



Example of Association rule was solved.

Total 310 Students appear from the Poona College (Computer Science & BBA (CA)).

Attendance at the start & End of the session

7:04

Close Participants (443)

Search

- Ishrat Baig (me)
- HE Himavanth Excelr (Host)
- ES ExcelR Solutions (Co-host)
- 1 1am19is035
- 1AM19IS064 _
- 6A 6418 Aman Feroz
- 6504: Nayesha John Gunraj
- 6A 6603 Aadam Munshi
- 6623 Ayesha Hannure
- 6S 6627_ Shifa Khan
- 6S 6664 Suhaib Shaikh

Invite

7:39

Close Participants (503)

Search

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- 6S 6627_ Shifa Khan
- 6S 6664 Suhaib Shaikh
- 8609_JAFER SHAIKH

Invite

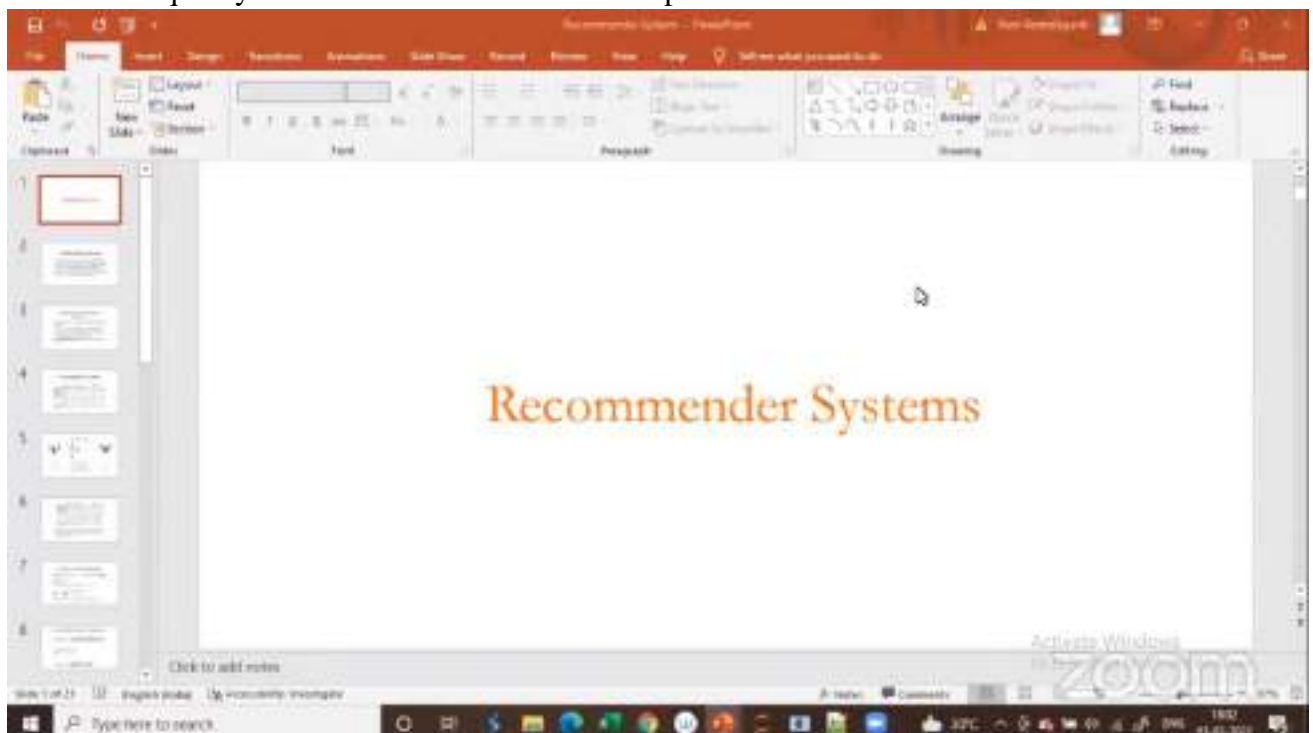
AKI'S
POONA COLEGE OF ARTS SCIENCE & COMMERCE
DEPARTMENT OF COMPUTER SCIENCE & BBA (CA)

SESSION 8 DAY : 03rd FEBRUARY 2022 TIME : 6 PM To 8 PM



Start of Session (EXCELR) on 04th FEBRUARY 2022 at 6 pm 2022

The eight day session started with revision of last session Association rules. After that session start with Recommender systems with examples using excel file. In detail association rules was explained. Runtime vs quality of recommendation was also explained in details.



Introduction of Recommender Systems

Ans Sphere
b
A -> Android
b

Collaborative Filtering

- If Person A has the same opinion as Person B on an issue, A is more likely to have B's opinion on a different issue x, when compared to the opinion of a person chosen randomly

Collaborative Filtering

(Uses Item interaction matrix)
R(A, P) *I* *I_p*

n customers X p items

	Item 1	Item 2	...	Item p
Person 1	-	✓	-	-
Person 2	✓	-	-	-
Person 3	-	-	-	-
...	-	-	-	-
...	-	-	-	-
Person n	-	-	-	✓

The n customers X p items

	m_1	m_2	...	m_p
Person 1	3	4	-	-
Person 2	2	-	-	-
Person 3	-	-	-	-
...	-	-	-	-
Person n	5	1	-	-

Information on rating along with the information on whether items were rated or not rated can be better than either of them alone. Example: Netflix Recommendation

Netflix Recommendation example

Runtime vs. Quality of Recommendation

- Recommend while the customer is browsing
- Recommend better but later

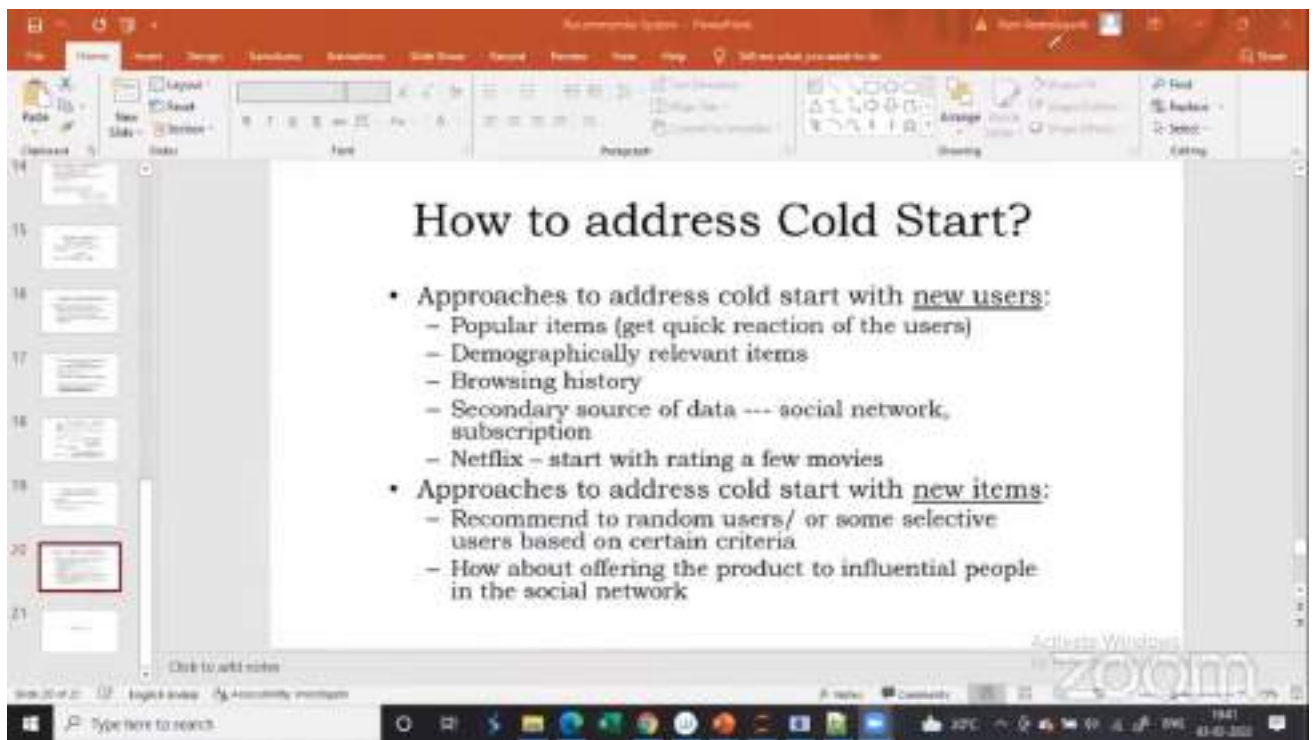
vis-à-vis

Network

by doing the top Columnar data

Confidence

Example Runtime vs Quality of Recommendation



Addressing Cold Start

Total 300 Students appear from the Poona College (Computer Science & BBA (CA)).

Attendance at the start & End of the session

7:04

Close Participants (443)

Search

- Ishrat Baig (me)
- Himavanth Excelr (Host)
- ExcelR Solutions (Co-host)
- 1am19is035
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Invite

7:39

Close Participants (503)

Search

- FS Farooque Shaikh (Me)
- HE Himavanth Exc... (Host) 1
- ES ExcelR Solutions (Co-host)
- 1 1am19is035
- 1AM19IS064_
- 6504: Nayesha John Gunraj
- 6A 6603 Aadam Munshi
- 6623 Ayesha Hannure
- 6S 6627_ Shifa Khan
- 6S 6664 Suhaib Shaikh
- 8609_JAFER SHAIKH

Data Science EDL REPORT

Introduction of the Company:

At ExcelR, we provide best-in-class training across Agile, Project Management, IT Service Management & Quality Assurance spaces. Our trainers worked with world renown MNCs and are committed to raising your excellence levels thereby accelerating your careers!

Industries:

E-Learning

Company size

51-200 employees

Headquarters

Bengaluru, Karnataka

Type

Privately Held

Founded

2013

Specialties

Project Management, PMP, PgMP, RMP Training, Agile, ACP, Scrum Training, ITIL Foundation, ITIL Intermediate, ITIL Expert Training, Six Sigma Training, Data Science Training, Digital Marketing Training, Block chain Training, Online Learning, Artificial Intelligence, Machine Learning, Deep Learning, 24/7 Support, Cloud Computing, RPA Training, AR/VR, and Python Training



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Industrial Trainer's:

Mr.Srinivas Reddy: Senior Associate Engineer.

Mr.Mukesh: Tech Support.

Miss.Munmun: Data Scientist.

Mr.Himavanth: Tech Support.

Mr.Srini: Developer.

Topics Covered (09/02/2022):

- R language and basic python.
- Data frame: filtering.
- Selecting column in data frame.
- Data frames method iloc.
- Hypothesis testing.
- Logistic regression.
- Linear regression.
- Conditional expectation.
- Logistic function.
- Sigmoid shape versus linear shape.
- Logistic curve.
- Logistic function.
- Interpretation.
- Clustering genes.
- Agglomerative clustering.
- Hierarchical clustering algorithm.
- Summarize process in a dendrogram.
- Pairwise distance between records.
- Euclidean distance.
- Association rules.
- Market basket analysis.
- Association rule mining.
- Rule generation.
- Performance measure: lift ratio.
- Collaborative Filtering.
- Cosine and correlation based similarity.
- Normalizing ratings.
- Runtime vs Quality of recommendation.
- Search-based methods.
- Decision tree.
- Applied model to test data.
- Identify good feature.
- Classification and Regression tree.
- Gini impurity for classification problems.
- Support vector machine.
- Classification of hyper plane.
- Mathematical definition of decision boundary.
- Decision boundary with maximum margin.
- SVM in linear non separable cases.
- Kernel trick.
- Radial basis function.
- Soft margin.

Today's Topic Covered:

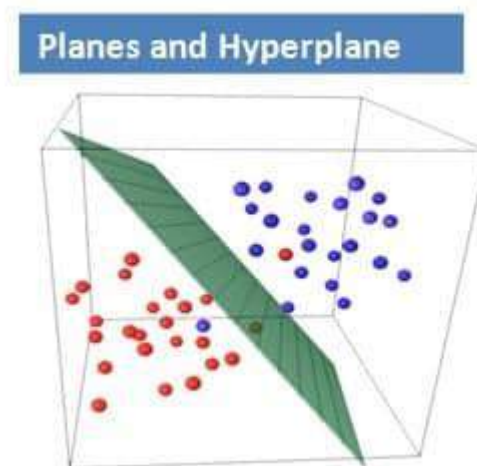
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1) Support Vector Machine:-

In machine learning, support vector machines (SVMs, also support vector networks [1]) are supervised learning models with associated learning algorithms that analyse data used for classification and regression analysis. Given a set of training examples, each marked for belonging to one of two categories, an SVM training algorithm builds a model that assigns new examples into one category or the other, making it a non-probabilistic binary linear classifier. An SVM model is a representation of the examples as points in space, mapped so that the examples of the separate categories are divided by a clear gap that is as wide as possible. New examples are then mapped into that same space and predicted to belong to a category based on which side of the gap they fall on.

2) Classification of hyper Plane:-

In one dimension, a hyper plane is called a point. In two dimensions, it is a line. In three dimensions, it is a plane and in more dimensions we call it a hyper plane.



3) Mathematical Definition Of Decision Boundary:-

In a statistical-classification problem with two classes, a decision boundary or decision surface is a hyper surface that partitions the underlying vector space into two sets, one for each class. The classifier will classify all the points on one side of the decision boundary as belonging to one class and all those on the other side as belonging to the other class. A decision boundary is the region of a problem space in which the output label of a classifier is ambiguous. If the decision surface is a hyperplane, then the classification problem is linear, and the classes are linearly separable. Decision boundaries are not always clear cut. That is, the transition from one class in the feature space to another is not discontinuous, but gradual. This effect is common in fuzzy logic based classification algorithms, where membership in one class or another is ambiguous.

4) Decision Boundary with Maxima Margin:-

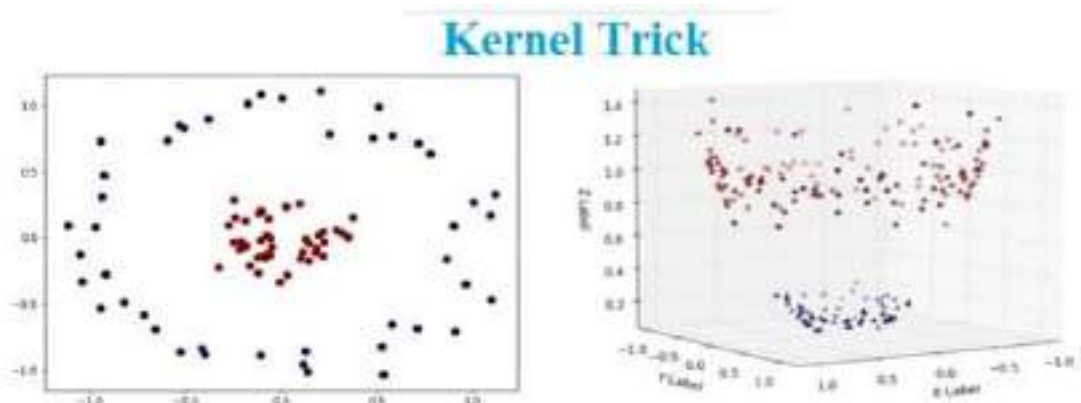
The maximum margin boundary computed by a linear SVM. The region between the two thin lines defines the margin area with $2 \frac{1}{\|w\|} |x \cdot w + b|$. The data

Data Science EDL REPORT

points highlighted with black centers are the support vectors: the examples that are closest to the decision boundary. They determine the margin by which the two classes are separated. Here, there are three support vectors on the edge of the margin area ($f(x) = 2$ or $f(x) = -2$).

5) Kernel Trick:-

A kernel is a method of placing a two dimensional plane into a higher dimensional space, so that it is curved in the higher dimensional space. (In simple terms, a kernel is a function from the low dimensional space into a higher dimensional space).

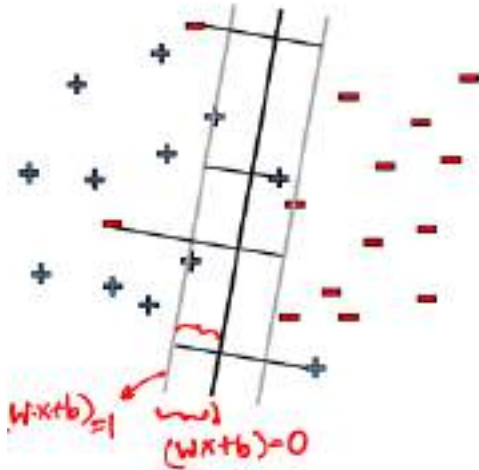


6) Soft Margin:-

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Soft margin SVM

Allow "error" in classification



$$\begin{aligned} \min_{w, b, \{\xi_j\}} \quad & \mathbf{w} \cdot \mathbf{w} + C \sum_j \xi_j \\ \text{s.t.} \quad & (w \cdot x_j + b) y_j \geq 1 - \xi_j \quad \forall j \\ & \xi_j \geq 0 \quad \forall j \end{aligned}$$

ξ_j - "slack" variables
= (>1 if x_j misclassified)

pay linear penalty if mistake

C - tradeoff parameter (C = ∞ recovers hard margin SVM)

Still QP 😊

Points and theory Explanation using PPT'S:

Well-known statistical software	R
<ul style="list-style-type: none">• SAS• SPSS• Minitab• Stata• R• ...	<ul style="list-style-type: none">• free• language almost the same as S• maintained by top quality experts• available on all platforms• continuous improvement <p>Available through www.r-project.org</p>

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Distance boundary with minimum change

To find the distance between two support vectors, we find the line that is perpendicular to the line connecting the two support vectors. The distance between the two support vectors is the distance from the origin to this perpendicular line.

The distance will be equal to the projection of the difference of the vectors onto the unit vector in the direction of the perpendicular line.

The unit vector can be calculated by dividing the components of the vector w by its length:

$$\text{unit } w = \frac{(x_1 - x_2, y_1 - y_2)}{\|w\|} = \frac{(x_1 - x_2, y_1 - y_2)}{\sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}}$$
$$\text{width} = \frac{(x_1 - x_2)(x_1 - x_2) + (y_1 - y_2)(y_1 - y_2)}{\sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}} = \frac{\|w\|^2}{\|w\|} = \|w\|$$

$\|x_1 - w\| = 1 - w$
 $\|x_2 - w\| = -1 - b$

Kernel Trick

Clearly there is no line that can separate the two classes in this 2D space. We apply non-linear mapping and add extra support dimensions so we end up in a 3D space. Now if we plot in a 3D, a clear separation is visible, and a line can be drawn.

→ This is the idea of the kernel trick. It maps the data into a higher dimensional space where it is linearly separable.

→ This is the idea of the kernel trick. It maps the data into a higher dimensional space where it is linearly separable.

→ This is the idea of the kernel trick. It maps the data into a higher dimensional space where it is linearly separable.

Excution of the Program:

```
from sklearn import svm
import numpy as np

# Support vectors
x1 = np.array([1, 1])
x2 = np.array([2, 2])
x3 = np.array([3, 3])
x4 = np.array([4, 4])
x5 = np.array([5, 5])
x6 = np.array([6, 6])
x7 = np.array([7, 7])
x8 = np.array([8, 8])
x9 = np.array([9, 9])
x10 = np.array([10, 10])

# Support vectors
y1 = np.array([1, 1])
y2 = np.array([2, 2])
y3 = np.array([3, 3])
y4 = np.array([4, 4])
y5 = np.array([5, 5])
y6 = np.array([6, 6])
y7 = np.array([7, 7])
y8 = np.array([8, 8])
y9 = np.array([9, 9])
y10 = np.array([10, 10])

# Support vectors
X = np.vstack((x1, x2, x3, x4, x5, x6, x7, x8, x9, x10))
Y = np.vstack((y1, y2, y3, y4, y5, y6, y7, y8, y9, y10))

# Support vectors
svm = svm.SVC(kernel='linear')
svm.fit(X, Y)
```


Data Science EDL Report

Industrial Trainer:-

Mr.Himavanth-Tech Support.

Mr.Srini Garula.-Developer.

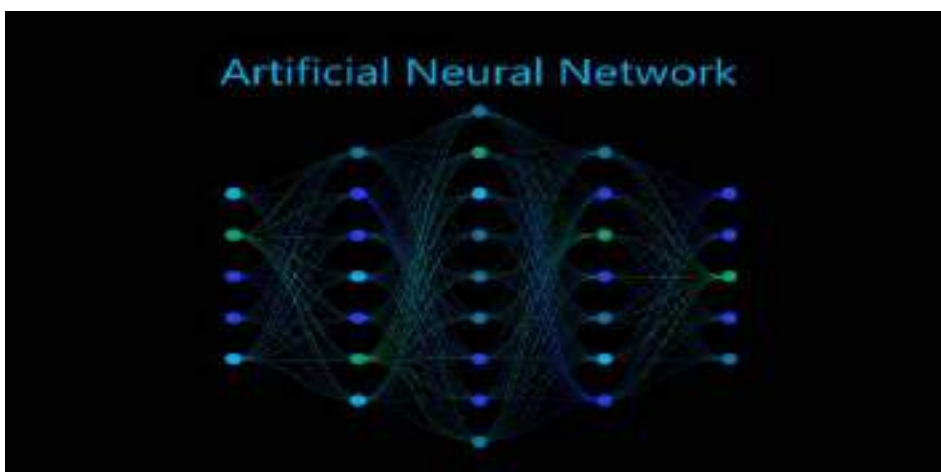
Topic Covered on 10/02/2022:-

Today's topic:

1. Artificial neural network-1
2. Agenda
3. Optimization
4. Preliminaries
5. Foundations
6. Tangent
7. Slope
8. Chain rule of derivatives
9. Derivatives in optimization:maxima and minima
10. First derivative test
11. Second derivative test
12. Gradient descent algorithm
13. Line fitting-linear least squares
14. Gradient descent
15. Method/optimiza

ELEBORATION OF TODAY'S TOPICS:-

1. Artificial neural network-1:-



A neural network is a machine learning algorithm based on the model of a human neuron. The human brain consists of millions of neurons. It sends and process signals in the form of electrical and chemical signals. These neurons are connected with a special structure known as synapses. Synapses allow neurons to pass signals. From large numbers of simulated neurons neural networks forms.

Data Science EDL Report

regression). Due to its importance and ease of implementation, this algorithm is usually taught at the beginning of almost all machine learning courses.

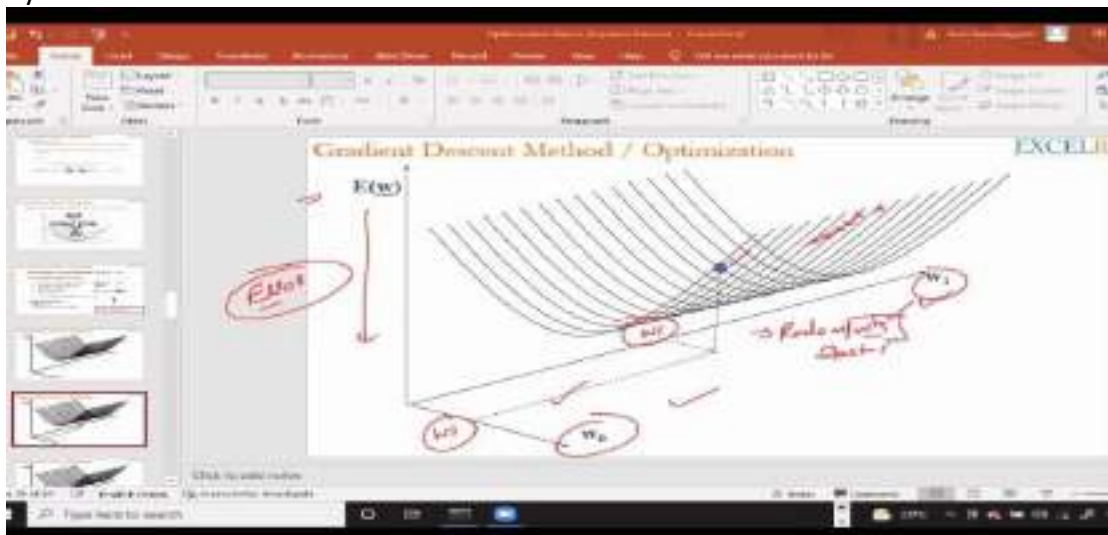
However, its use is not limited to ML/DL only, it's being widely used also in areas like:

- control engineering (robotics, chemical, etc.)
- computer games
- mechanical engineering

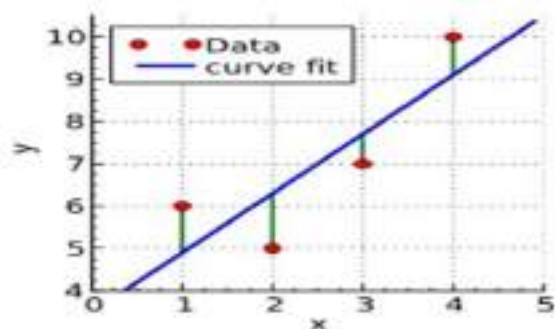
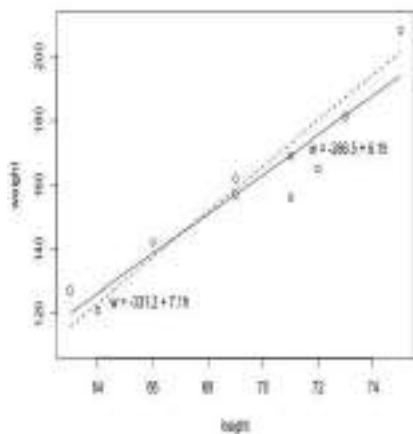
That's why today we will get a deep dive into the math, implementation and behaviour of first-order gradient descent algorithm. We will navigate the custom (cost) function directly to find its minimum, so there will be no underlying data like in typical ML tutorials — we will be more flexible in terms of a function's shape.

This method was proposed before the era of modern computers and there was an intensive development meantime which led to numerous improved versions of it but in this article, we're going to use a basic/vanilla gradient descent implemented in

Python.



3. Line fitting-linear least squares:-

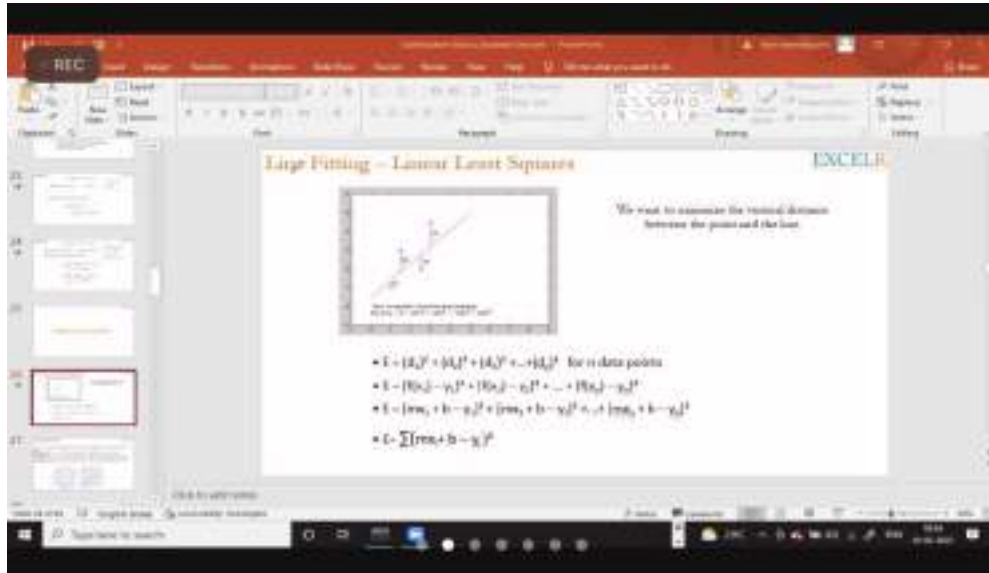


LINE FITTING:-Line fitting is the process of constructing a straight line that has the best fit to a series of data points.

*Several methods exist, considering:-

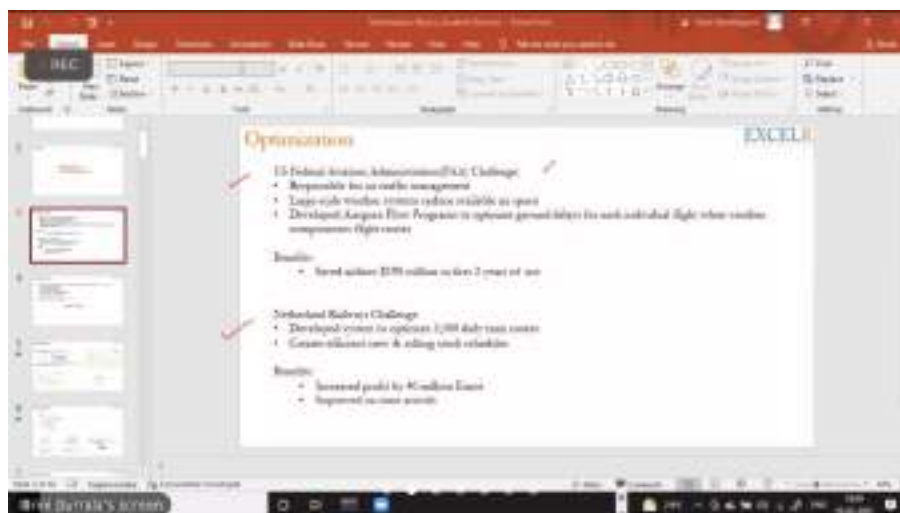
Data Science EDL Report

1. Vertical distance: Simple linear regression
 2. Resistance to outliers: Robust simple linear regression
 3. Perpendicular distance: Orthogonal regression
 4. Weighted geometric distance: Deming regression
- Scale invariance: Major axis regression



Linear Least Squares: Linear least squares (LLS) is the least squares approximation of linear functions to data. It is a set of formulations for solving statistical problems involved in linear regression, including variants for ordinary (unweighted), weighted, and generalized (correlated) residuals.

4: Optimization :-



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US Federal Aviation Administration (FAA) Challenge:

- Responsible for air traffic management.
- Large-scale weather systems reduce available air space.
- Developed Airspace Flow Programs to optimize ground delays for each individual flight when weather compromises flight routes.

Benefits:

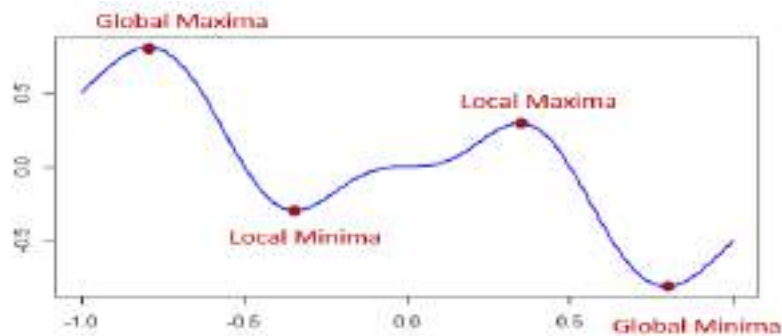
- Saved airlines \$190 million in first 2-years of use.

Netherland Railways Challenge:

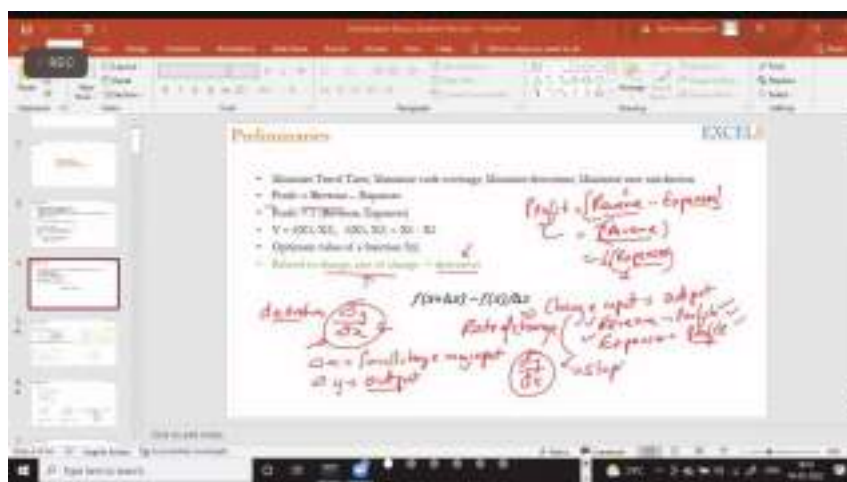
- Developed system to optimize 5,500 daily train routes.
- Creates efficient crew & rolling stock schedules.

Benefits:

- Increased profit by 40 million Euros.
- Improved on-time arrivals.



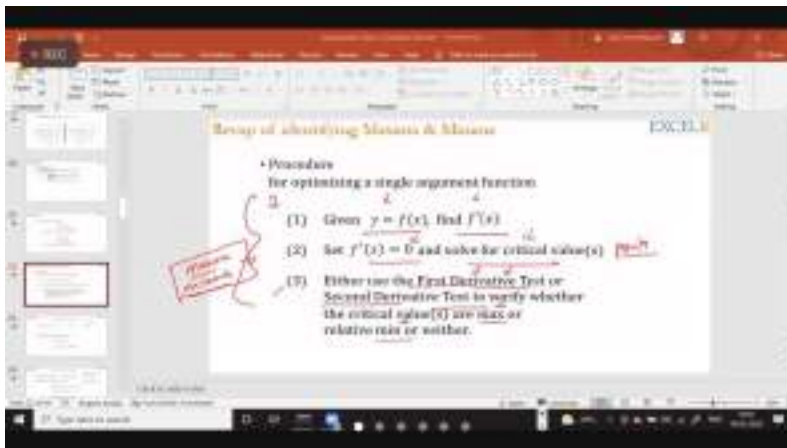
4.Preliminaries



Data Science EDL Report

- Minimize Travel Time, Maximize code coverage, Minimize downtime, Maximize user satisfaction.
- Profit = Revenue – Expenses.
- Profit = f(Revenue, Expenses).
- $Y = f(X_1, X_2)$; $f(X_1, X_2) = X_1 - X_2$.
- Optimum value of a function $f(x)$.
- Related to change, rate of change -> derivatives.

5. Derivatives in optimization: maxima and minima:-



Procedure

for optimizing a single argument function

(1) Given $y = f(x)$, find $f'(x)$

|

(2) Set $f'(x) = 0$ and solve for critical value(s)

minima

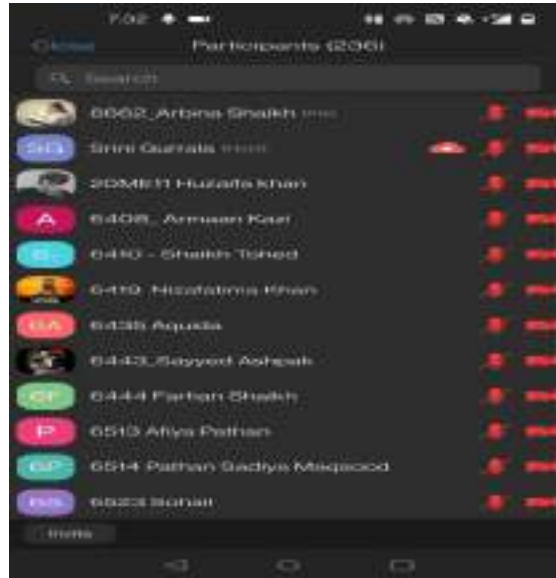
, (3

Either use the First Derivative Test or
Second Derivative Test to verify whether
the critical value(s) are max or
relative min or neither.

Participants Attending the session:

Around 230+ participants attended online on zoom and many other participants attended live on you tube.

Data Science EDL Report



Conclusion: A best and well known company which normally works on best languages named R, Python and many more.
A helping and guiding knowledgeable lecture from experts which can help us post-graduation to build a good future in corporate sector.

AKIs

Poona College of Arts, Science & Commerce

Camp, Pune 1

Department of Computer Science

ExcelR Report for dates of 14/02/2022 & 15/02/2022

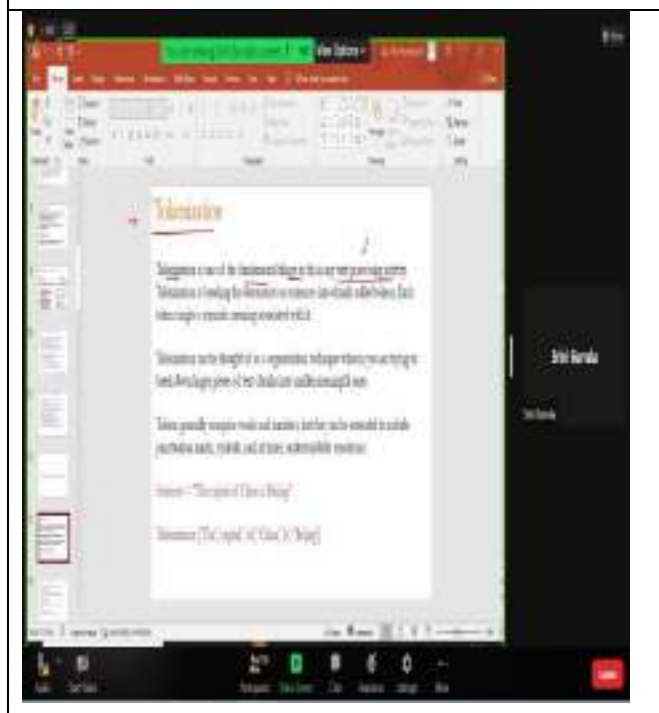
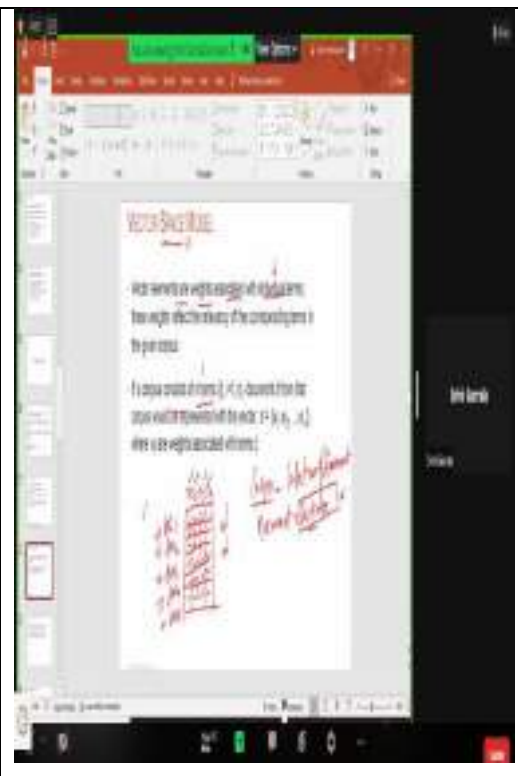
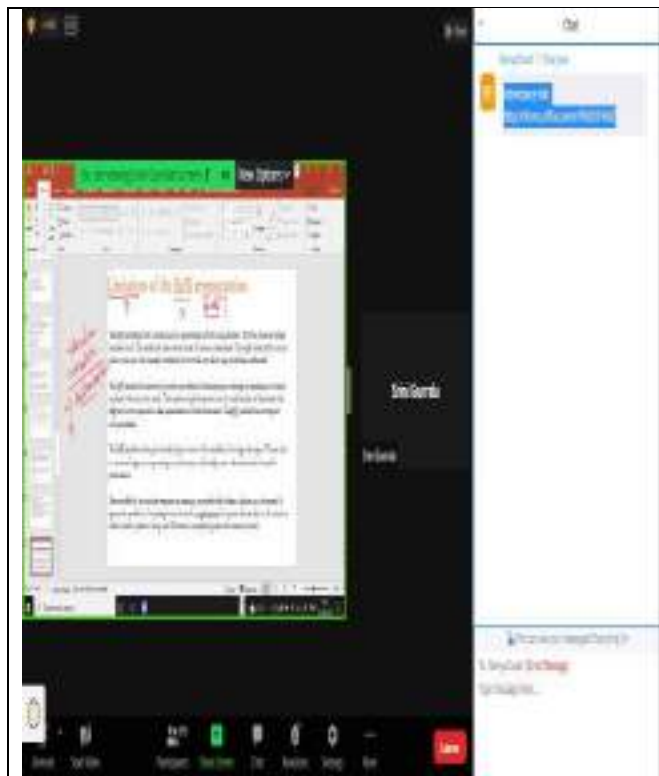
ExcelR is conducting 40Hrs Course in Data science and Analytics after successful completion of this course it is useful for claiming Extra credit for the SPPU examination.

On the day of 14 and 15 FEB 2022 the speaker Mr. Srinu Gurrula has explained about the various topics in depth. Some of the significant topics are as follows.

- Weight updating
- Algorithm approaches
- Batch Gradient Decent
- How to overcome challenges
- Tokenization
- Lemmatization and stemming
- Vector Space model
- Limitation of BoW Model
- Neural Network: Back Propagation
- Etc.

There are 229 and 241 students from UG and PG was present on 14 and 15 February 2022 respectively.

Here are some screen shots of the session.



Mr. Srinu Gurrula: Explaining topics like Weight Tokenization

Session Incharge
Mohammed Umer



EXCELR
Raising Excellence

SESSION 23

TODAY'S TOPIC COVERED

Model_Based Approach, Data Driven models, ARIMA

Today's session was arranged by Excelr and the speaker name was **Srinivas Gurrula** and topic covered was forecasting different methods i.e Model based and data driven. In model based approach there is linear regression, Autoregressive models, Arima, etc and in data driven method Naïve forecasts, smoothing and Neural nets. Model based approach is time set data.

In Forecasting different methods there are various models for ex linear model, Exponential model , quadratic model, additive seasonality , multiplicative seasonability, etc. Different expression are used for the same which is mentioned in the below image.

When working with jupyter notebook we have to import pandas and matplotlib for creating line plot or histogram or density plot or scatter plot and how to create it is mentioned in the below images



Zoom

Leave

REC

LIVE

Forecasting Different Methods

- ✓ Linear regression
- ✓ Autoregressive models
- ✓ ARIMA
- ✓ Logistic regression
- ✓ Econometric models

Model based

Data driven

- Naive forecasts
- Smoothing
- Neural nets

[Model Based Approach]



Unmute

Start Video

Share

Participants 86

More



Forecasting Different Methods

Model Based Methods
Time Series data
 e^{beta}

Linear Model: $Y_t = \beta_0 + \beta_1 t + \epsilon$ ($y_t = e^{beta}$)

Exponential Model: $\log(Y_t) = \beta_0 + \beta_1 t + \epsilon$

Quadratic Model: $Y_t = \beta_0 + \beta_1 t + \beta_2 t^2 + \epsilon$

Additive Seasonality: $Y_t = \beta_0 + \beta_1 D_{Jan} + \beta_2 D_{Feb} + \beta_3 D_{Mar} + \dots + \beta_{11} D_{Nov} + \epsilon$

Additive Seasonality with Quadratic Trend: $Y_t = \beta_0 + \beta_1 t + \beta_2 t^2 + \beta_3 D_{Jan} + \beta_4 D_{Feb} + \beta_5 D_{Mar} + \dots + \beta_{11} D_{Nov} + \epsilon$

Multiplicative Seasonality: $\log(Y_t) = \beta_0 + \beta_1 D_{Jan} + \beta_2 D_{Feb} + \beta_3 D_{Mar} + \dots + \beta_{11} D_{Nov} + \epsilon$

no additive seasonality (dataset) e^{beta} (dataset)

EXCEL R

Linear Model: Simple & Multiple: After showing RUI, goto MULT training score & add the month details beside Predicted value. Jan 91...etc

localhost:8888/notebooks/Visualisation.ipynb

jupyter Visualisation Last Checkpoint: 11/19/2020 (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help Snippets

Kernel start

Line plot

In [1]:

```
# create a line plot
from pandas import read_csv
from matplotlib import pyplot
executed in 12.6s, finished 17:40:34 2020-11-19
```

In [2]:

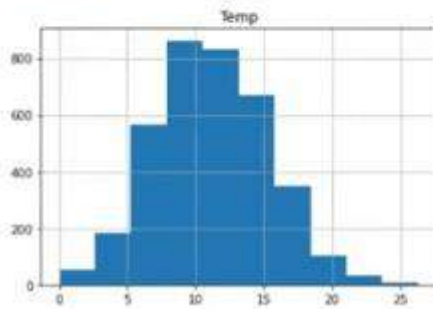
```
series = read_csv('daily-minimum-temperatures.csv', header=0, index_col=0, parse_dates=True)
series.plot()
pyplot.show()
executed in 1.34s, finished 17:40:35 2020-11-19
```

ere to search

Histogram and Density Plots

```
In [3]: # create a histogram plot
from pandas import read_csv
from matplotlib import pyplot
executed in 4ms, finished 17:48:52 2020-11-19
```

```
In [4]: series = read_csv('daily-minimum-temperatures.csv', header=0, index_col=0, parse_dates=True)
series.hist()
pyplot.show()
executed in 299ms, finished 17:48:56 2020-11-19
```



```
In [5]: # create a density plot
from pandas import read_csv
```

Simpli Vo x Untitled: 2.NN, ANR, SVM, SVM Named Text Pri Micros Ser

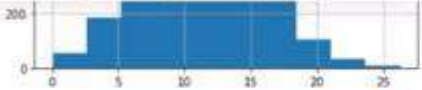
localhost:8888/notebooks/Visualisation.ipynb

index_introductio... weather_report.html Logistic Regression... kmeans_clustering...

jupyter Visualisation Last Checkpoint: 11/19/2020 (unsaved changes)

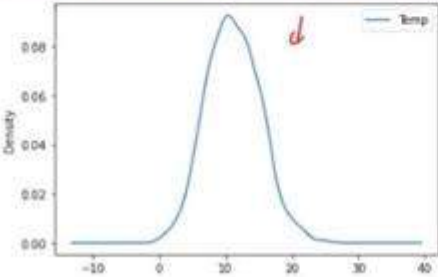
File Edit View Insert Cell Kernel Widgets Help Snippets

Run Kernel Restart Clear Output



In [5]: `# create a density plot`
`from pandas import read_csv`
`from matplotlib import pyplot`
`series = read_csv('daily-minimum-temperatures.csv', header=0, index_col=0, parse_dates=True)`
`series.plot(kind='kde')`
`pyplot.show()`

executed in 8.49s, finished 17:49:07 2020-11-19



Density

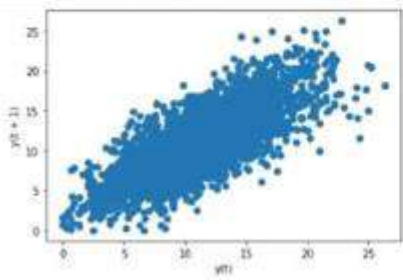
Temp

Box and Whisker Plots by Interval

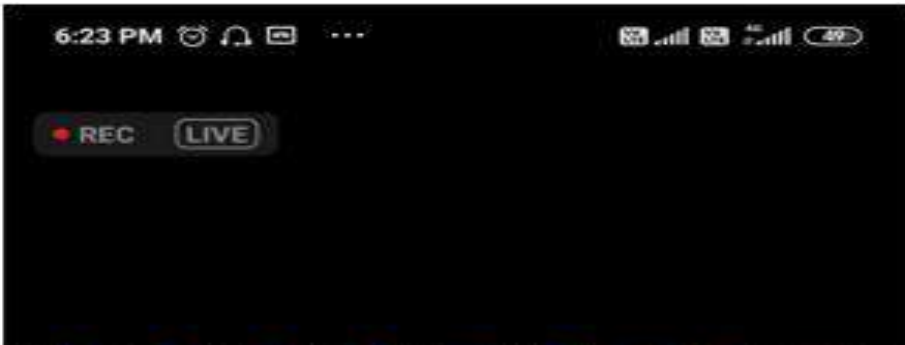
.jupyter Visualisation Last Checkpoint: 11/19/2020 (autosaved)

Lag plot

```
In [2]: # create a scatter plot
from pandas import read_csv
from matplotlib import pyplot
from pandas.plotting import lag_plot
series = read_csv('daily-minimum-temperatures.csv', header=0, index_col=0, parse_dates=True)
lag_plot(series)
pyplot.show()
executed in 197ms finished 17:51:06 2020-11-19
```



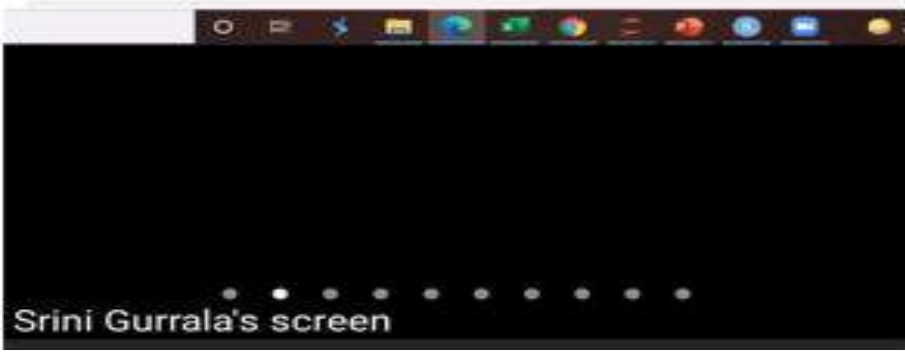
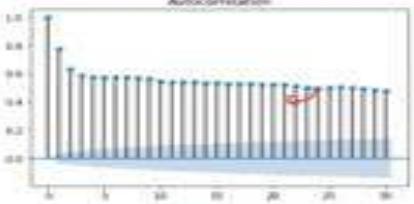
```
In [8]: # create an autocorrelation plot
from pandas import read_csv
```



REC LIVE

```
localhost:8080/notesbooks/Visualization.pyml  
weather_report.html | logistic_regression... | linear_clustering...  
Visualization Last Checkpoint 11/18/2020 (autosaved)  
View | Inspect | Cell | Kernel | Widgets | Help | Snippets  
from pandas import read_csv  
from matplotlib import pyplot  
from statsmodels.graphics.tsa.plot_ import plot_acf  
series = read_csv('daily-minimum-temperatures.csv', header=0, index_col=0, parse_dates=True)  
plot_acf(series, lags=30)  
plt.show()  
# make plot  
plt.plot(series[0:30])
```

C:\Users\varun\Anaconda3\lib\site-packages\statsmodels\tools\testing.py:19: FutureWarning: pandas.util is the function to use in pandas. Do not use pandas.testing instead.
import pandas.util.testing as tm
C:\Users\varun\Anaconda3\lib\site-packages\statsmodels\compat\pandas.py:23: FutureWarning: The Panel class is deprecated. Accessing it from the top-level namespace will also be removed in the next version.
data_klasses = (pandas.Series, pandas.DataFrame, pandas.Panel)



Srini Gurrula's screen


```
Upsampling Data

In [1]: # upsample to daily intervals
from pandas import read_csv
from pandas import datetime
from matplotlib import pyplot

Out[1]:
C:\Users\varun\Anaconda1\lib\site-packages\ipykernel_launcher.py:3: FutureWarning: The pandas.datetime class is deprecated and will
be removed from pandas in a future version. Import from datetime module instead.
This is separate from the ipykernel package so we can avoid doing imports until

In [2]: series = read_csv('sales (1).csv', header=0, index_col=0, parse_dates=True, squeeze=True)
Out[2]:
series
Out[3]:
Month
1990-01-01    266.0
1990-02-01    245.9
1990-03-01    263.1
1990-04-01    219.7
1990-05-01    190.2
1990-06-01    168.5
1990-07-01    231.8
1990-08-01    224.3
1990-09-01    191.1
```

There is also a method called as Upsampling and Downsampling data

Upsampled= series.resample('D').mean()

Print (upsampled.head(32))

File Edit View Insert Cell Kernel Widgets Help Snippets

Run Markdown

```
1992-01-01    339.7
1992-02-01    440.4
1992-03-01    315.9
1992-04-01    439.3
1992-05-01    401.3
1992-06-01    437.4
1992-07-01    575.5
1992-08-01    407.6
1992-09-01    682.0
1992-10-01    475.3
1992-11-01    581.3
1992-12-01    646.9
Name: Sales, dtype: float64
```

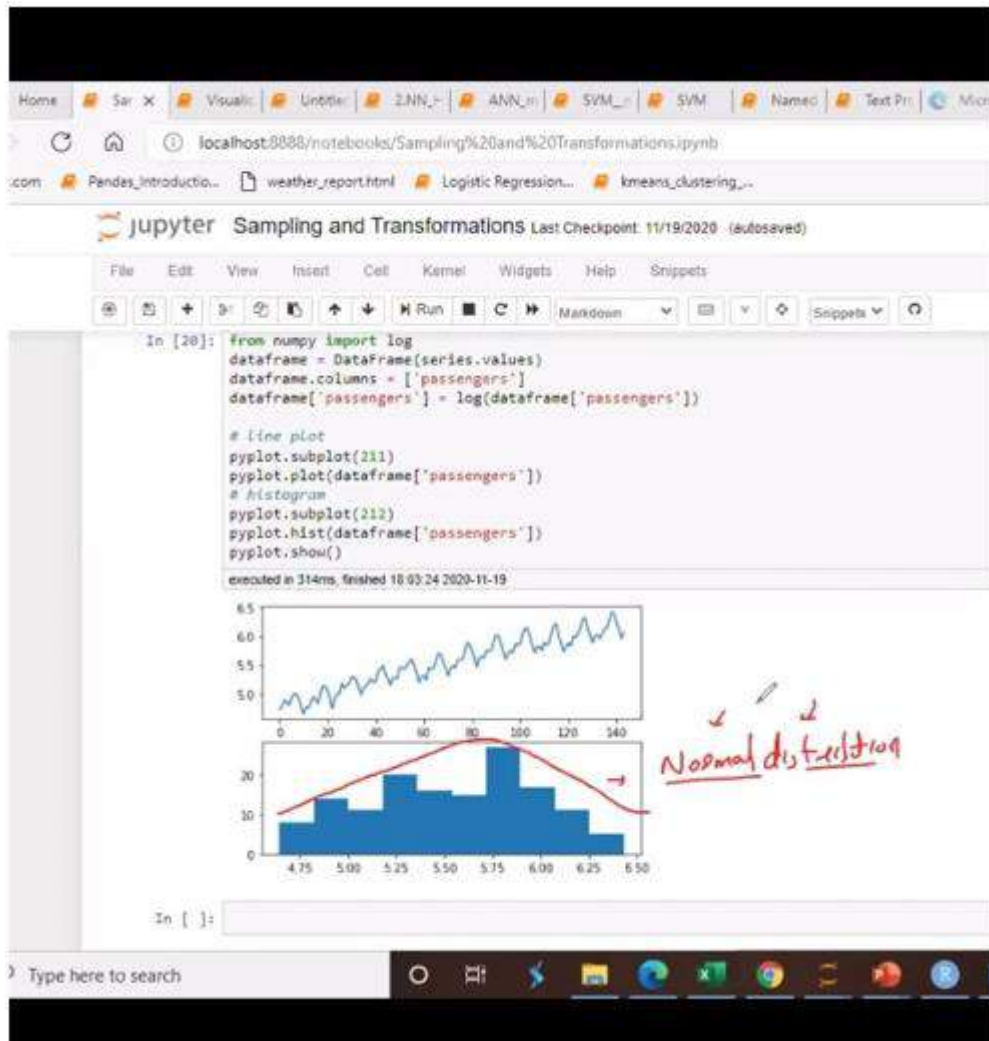
```
In [5]: upsampled = series.resample('D').mean()
print(upsampled.head(32))
executed in 163ms, finished 17:59:44 2020-11-19
```

```
Month
1990-01-01    266.0
1990-01-02     NaN
1990-01-03     NaN
1990-01-04     NaN
1990-01-05     NaN
1990-01-06     NaN
1990-01-07     NaN
1990-01-08     NaN
1990-01-09     NaN
1990-01-10     NaN
1990-01-11     NaN
1990-01-12     NaN
1990-01-13     NaN
```

Search

Taskbar icons: Windows Start, File Explorer, Microsoft Edge, Microsoft Word, Google Chrome

In Normal distribution there is a straight line passing through the top corners of the histogram



	Year	Month	Day	Weekday	Store	Units	Revenue	Revenue per Unit	Revenue per Sq Ft	Revenue per Employee	Revenue per Hour	Revenue per Customer	Revenue per Transaction	Revenue per Item	Revenue per Basket	Revenue per Basket Item	Revenue per Basket Item Item	Revenue per Basket Item Item Item	Revenue per Basket Item Item Item Item
3	Apr	01	1812	4	7.502108	18	0	0	0	1	0	0	0	0	0	0	0	0	0
4	May	01	1875	5	7.500324	25	0	0	0	0	1	0	0	0	0	0	0	0	0

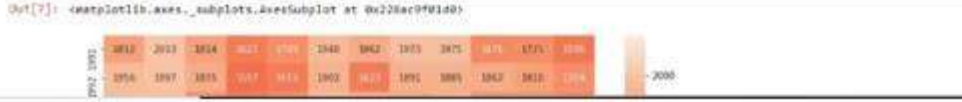
```
In [6]: Walmart["Date"] = pd.to_datetime(Walmart.Month, format="%b-%y")
# Look for standard format codes

# Extracting Day, weekday name, month name, year from the Date column using
# Date functions from pandas

Walmart["month"] = Walmart.Date.dt.strftime("%b") # month extraction
Walmart["year"] = Walmart.Date.dt.strftime("%Y") # year extraction
Walmart["Day"] = Walmart.Date.dt.strftime("%d") # Day extraction
Walmart["Weekday"] = Walmart.Date.dt.strftime("%A") # weekday extraction
executed in 71ms. finished 18:07:45 2020-01-19
```

heatmap

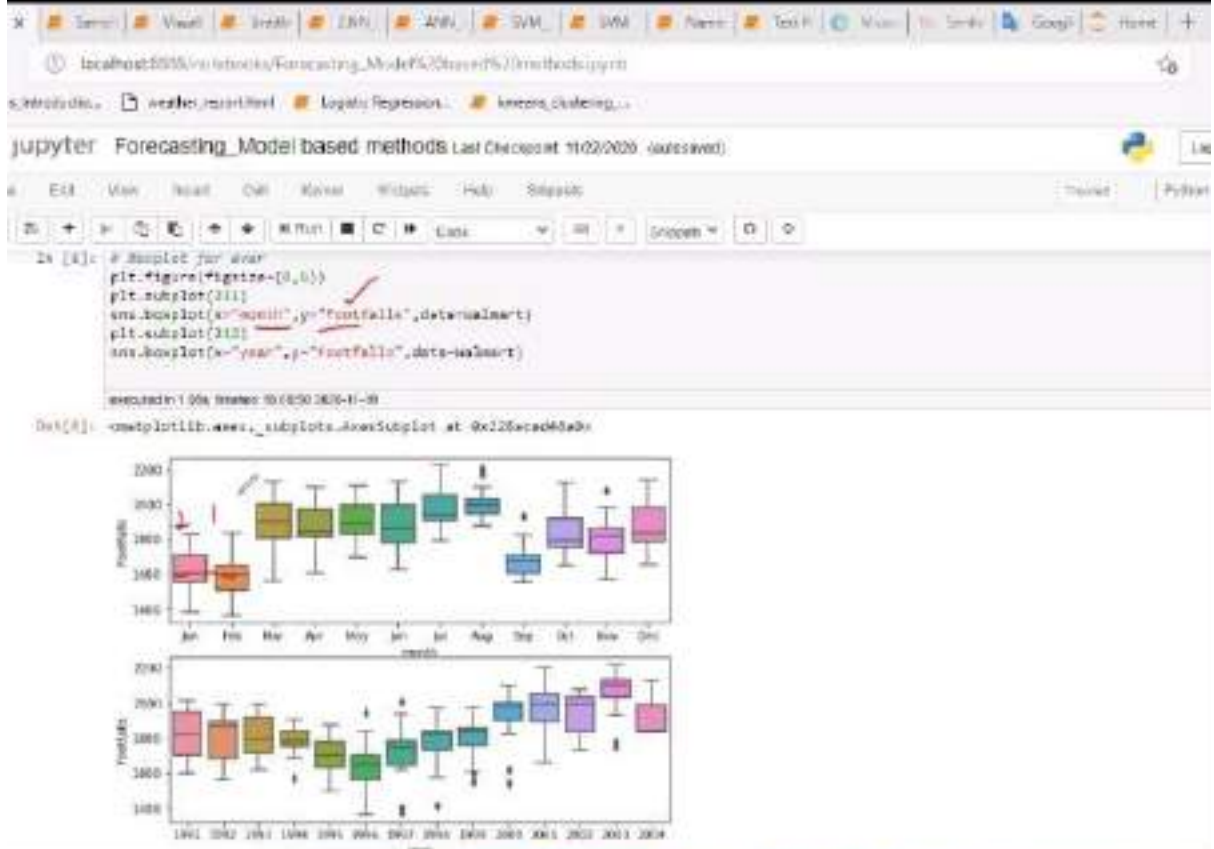
```
In [7]: plt.figure(figsize=(12,8))
heatmap_y_month = pd.pivot_table(data=Walmart, values="Revenue", index="year", columns="month", aggfunc="mean", fill_value=0)
sns.heatmap(heatmap_y_month, annot=True, fmt="g") # fmt is format of the grid values
executed in 1.94s. finished 18:08:00 2020-01-19
```



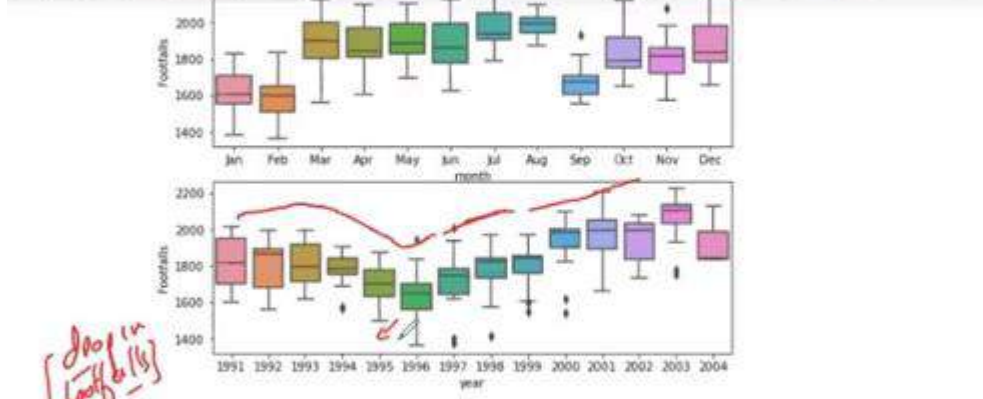
6:38 PM

VoLTE 4G+ 44

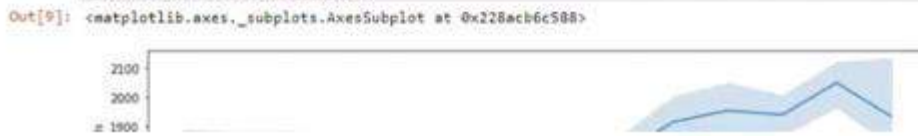
REC LIVE



search



```
In [9]: plt.figure(figsize=(12,3))
sns.lineplot(x="year",y="Footfalls",data=Walmart)
executed in 848ms, finished 18:09:40 2020-11-19
```

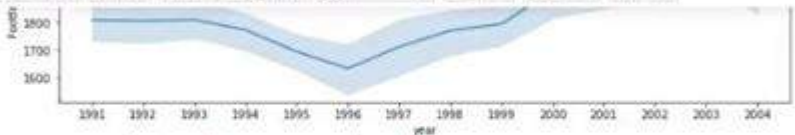


localhost:8888/notebooks/Forecasting_Model%20based%20methods.ipynb

jupyter Forecasting_Model based methods Last Checkpoint: 11/22/2020 (autosaved)

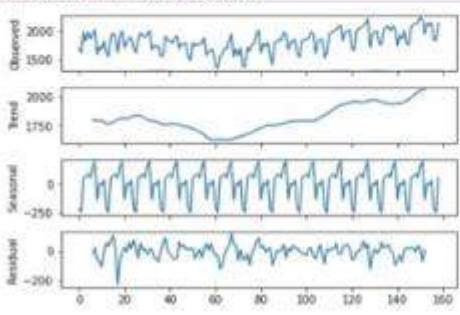
File Edit View Insert Cell Kernel Widgets Help Snippets

Code



```
In [22]: from statsmodels.tsa.seasonal import seasonal_decompose
decompose_ts_add = seasonal_decompose(walmart.Footfall, freq=12)
decompose_ts_add.plot()
plt.show()
```

executed in 1.45s, finished 10:21:46 2020-11-19



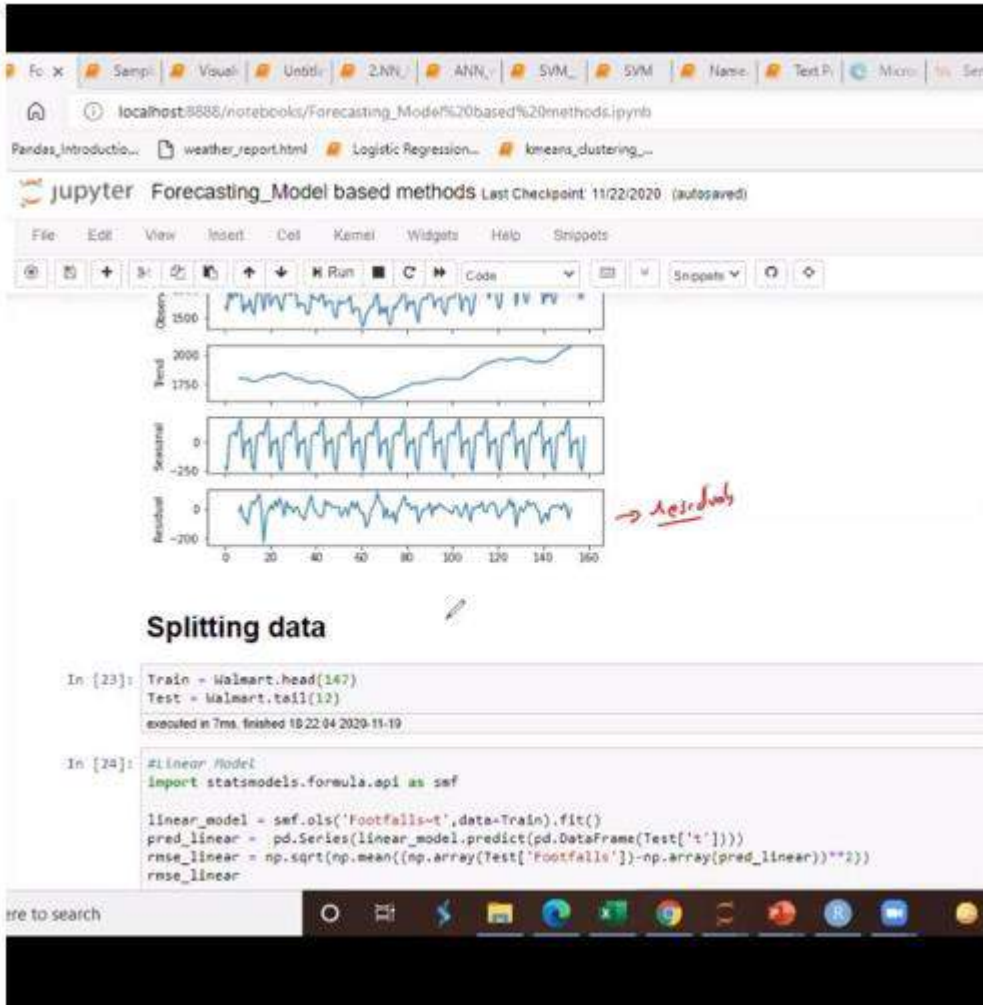
Observed → def

Trend

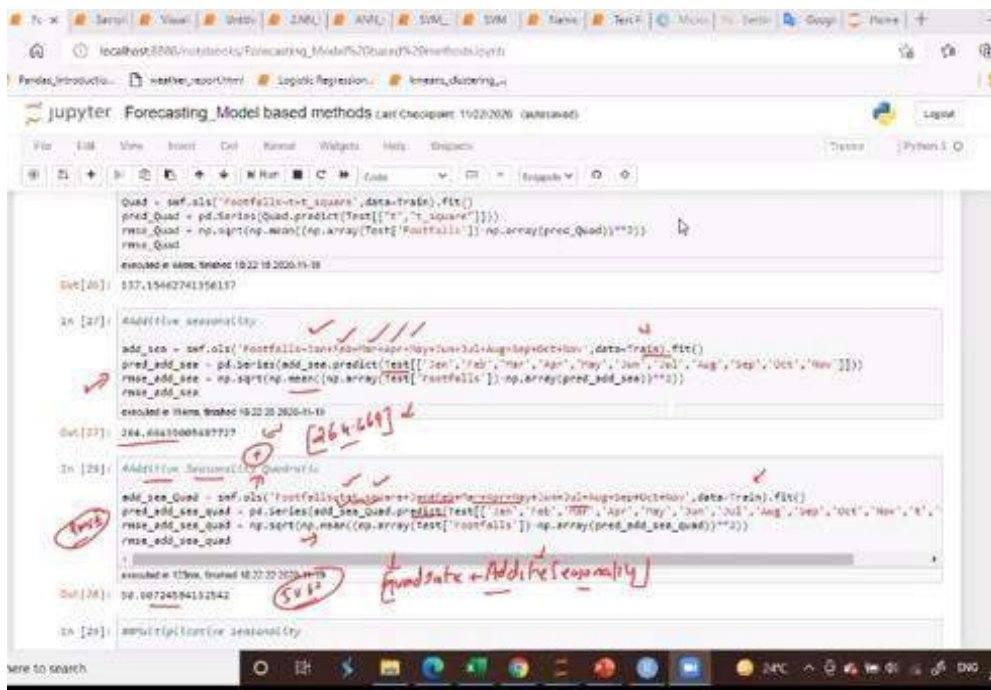
Seasonal

Residual

tre to search



There are residuals in the data and also we can split the data



Forecasting_Model based methods Last Checkpoint: 11/22/2020 (autosaved)

Predict for new time period

```
In [49]: predict_data = pd.read_csv("Predict_new (2).csv")
        executed in 25ms, finished 16:30:04 2020-11-19
```

```
In [50]: predict_data
        executed in 25ms, finished 16:30:10 2020-11-19
```

```
Out[50]:
```

	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	T	Lessons
0	04-Apr	0	0	0	1	0	0	0	0	0	0	0	0	180	25600
1	04-May	0	0	0	0	1	0	0	0	0	0	0	0	181	25921
2	04-Jun	0	0	0	0	0	1	0	0	0	0	0	0	182	26244
3	04-Jul	0	0	0	0	0	0	1	0	0	0	0	0	183	26569
4	04-Aug	0	0	0	0	0	0	0	1	0	0	0	0	184	26895
5	04-Sep	0	0	0	0	0	0	0	0	1	0	0	0	185	27222
6	04-Oct	0	0	0	0	0	0	0	0	0	1	0	0	186	27550
7	04-Nov	0	0	0	0	0	0	0	0	0	0	1	0	187	27889
8	04-Dec	0	0	0	0	0	0	0	0	0	0	0	1	188	28224
9	05-Jan	1	0	0	0	0	0	0	0	0	0	0	0	189	28561

Forecasting 3 parts (Last saved by user) - PowerPoint

Naive Method \rightarrow [last sample method]

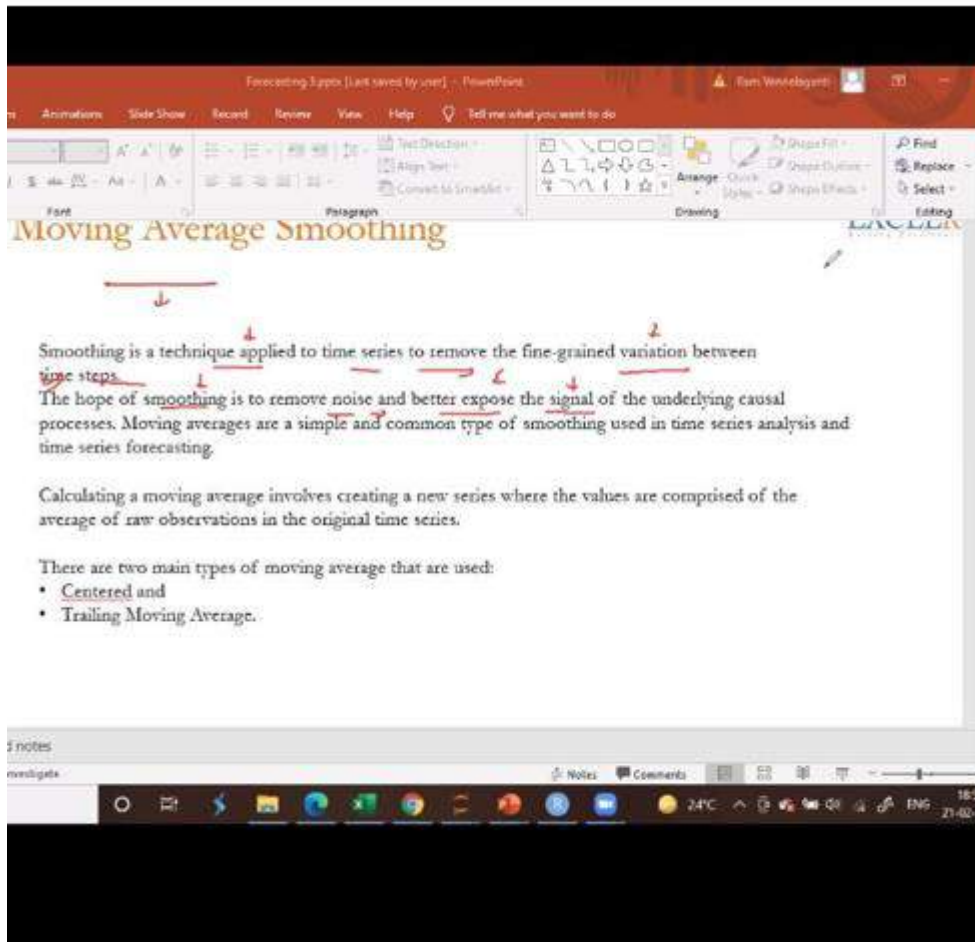
This is the most primitive forecasting method. The premise of the naive method is that the expected point is equal to the last observed point:

$$y_{t+1} = y_t$$

$$y_{t+1} = y_t$$

Naïve method is also called as last sample method.

Moving average smoothing technique is applied to time series as explained below in image



Forecasting 1.4 (last round by user) - PowerPoint

Design Sections Animations Slide Show Recent Review View Help Tell me what you want to do

Layout - Font Paragraph Drawing

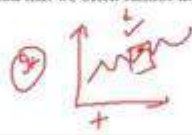
SARIMAX MOVING AVERAGE

The value at time (t) is calculated as the average of raw observations at, before, and after time (t). For example, a center moving average with a window of 3 would be calculated as:

$$\text{center_ma}(t) = \text{mean}(\text{obs}(t-1), \text{obs}(t), \text{obs}(t+1)))$$

↑
window of 3 →

A center moving average can be used as a general method to remove trend and seasonal components from a time series, a method that we often cannot use when forecasting



Click to add notes

to search

24°C

REC

LIVE

Simple Exponential Smoothing

↳ Level component

Forecasts = *estimated level* at most recent time point: $E_{t+k} = L_t$

Adaptive algorithm: adjusts most recent forecast (or level) based

on the actual data: $\hat{Y}_{t+1} = \alpha Y_t + (1-\alpha) \hat{Y}_t$ $\alpha \rightarrow$ [Smoothing coefficient]

$$L_t = \alpha Y_t + (1-\alpha) L_{t-1}$$

α = the *smoothing constant* ($0 < \alpha \leq 1$) [0 to 1]

Initialization: $F_1 = L_1 = Y_1$

to add notes

copy message

Reply Comments

10:24
23-03-2022

REC LIVE

The screenshot shows a Microsoft PowerPoint slide with the following content:

- Slide title: Advanced Exponential Smoothing
- Handwritten list items:
 - a) hollts method ✓
 - b) hollts winter method ✓

The slide is displayed within a PowerPoint application window. The application title bar reads "Presenting2020 (Advanced by ore) - PowerPoint". The ribbon shows the "Draw" tab with options for "Freeform", "Eraser", and "Drawing". The Windows taskbar at the bottom shows the time as 7:29 PM on 21/12/2020.

In Advanced Exponential smoothing there is halts method and halts winters method.

The screenshot shows a Zoom meeting interface. At the top, the time is 7:30 PM, and the Zoom logo is visible. A 'Leave' button is in the top right. Below the Zoom header, there are 'REC' and '(LIVE)' indicators. The main content is a presentation slide titled 'Holt's / Double Exponential Method'. The slide text includes:

Forecast = most recent *estimated level* + *trend*

$$Y_{t+k} = (L_t) + k T_t$$
$$L_t = \alpha Y_t + (1-\alpha)(L_{t-1} + T_{t-1})$$
$$T_t = \beta (L_t - L_{t-1}) + (1-\beta) T_{t-1}$$

Double exponential smoothing this is nothing more than exponential smoothing applied to both level and trend

- It is always better to choose default α & β values (0.2, 0.15)

At the bottom of the screen, the Zoom control bar shows 'Unmute', 'Start Video', 'Share', 'Participants' (194), and 'More'. The Android navigation bar is visible at the very bottom.

REC LIVE

Holt's -Winter's Method EXCELR

Forecasts = most recent adjusted level + trend + Seasonal

$$Y_{t+h}^A = (L_t + hT_t) * S_{t+h}$$

- S_t = seasonal index of period 't'
- M = number of seasons

Level: $L_t = \alpha \frac{Y_t}{S_{t-u}} + (1-\alpha)(L_{t-1} + T_{t-1})$

Trend (same as Holt's): $T_t = \beta(L_t - L_{t-1}) + (1-\beta)T_{t-1}$

Seasonality (multiplicative): $S_t = \gamma \frac{Y_t}{L_t} + (1-\gamma)S_{t-u}$

For more on seasonality, see page 10 of the book.

7:37 PM

VoLTE 4G 17%



Zoom

Leave

REC

LIVE

Forecasting Data Driven Models

localhost:8888/notebooks/Forecasting_Data%20Driven%20Models.ipynb

weather_report.html Logistic Regression...

pyter Forecasting_Data Driven Models Last Checkpoint: 11/22/2020 (unsaved changes)

Edit View Insert Cell Kernel Widgets Help Snippets

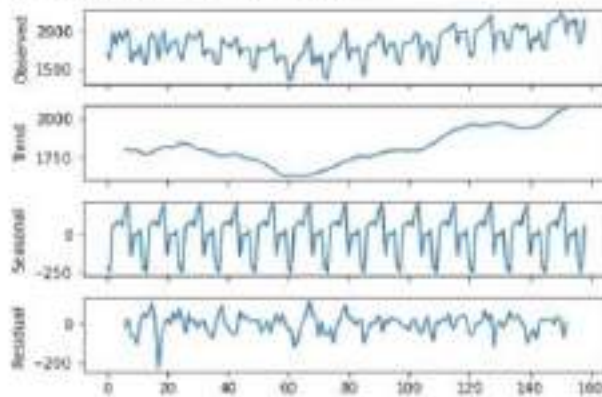
Code Snippets



Time series decomposition plot

```
In [7]: decompose_ts_add = seasonal_decompose(walmart_footfalls, freq=12)
decompose_ts_add.plot()
plt.show()
```

executed in 1.65s, finished 21:19:05 2020-11-22



arch



ARIMA MODELS

The image shows a Zoom meeting interface with a presentation slide displayed. The slide is titled "MA(1) model" and includes the following content:

- A handwritten note: "IIR process"
- The model equation:
$$Y_t = \mu + \theta_0 + \theta_1 a_t + a_t$$
 where a_t is labeled as "white noise".
- Two plots: "ACT plot" and "PACF (partial ACT) plot".

The Zoom interface includes a top bar with the time "7:46 PM", a "Zoom" logo, and a "Leave" button. Below the top bar are "REC" and "LIVE" indicators. The bottom bar contains controls for "Unmute", "Start Video", "Share", "Participants" (164), and "More" (2).



Zoom

Leave

REC

LIVE

Formatting Tools (last saved by user) - PowerPoint

Home Animations Slide Show Review View Help Tell me what you want to do

Font Paragraph Drawing

EXCEL

MA(q) model

↓

- $\hat{Y}_t = \theta_0 + \varepsilon_t + \theta_1 \varepsilon_{t-1} + \theta_2 \varepsilon_{t-2} + \dots + \theta_q \varepsilon_{t-q}$ ε_t white noise
- Such a model has non-zero PACF at all lags
- However, only the first q ACFs are non-zero; the rest are zero
- If ACF plot shows large ACFs only at a few lags, then MA model is appropriate ← appropriate
- If an MA model is to be fitted, the parameters $\theta_0, \theta_1, \theta_2, \dots, \theta_q$ have to be estimated from the data

add notes

into investigate

Notes Comments

24°C

REC LIVE

Forecasting Expts (last saved by user) - PowerPoint

File Home Insert Layout Design References Send To Slides Show Review View Help Tell me what you want to do

Font Paragraph Drawing Editing

Exponential Smoothing

→ NA method
 → SES technique ✓
 → AES technique ✓
 a) holts method
 b) holts winter method

→ Level (Component) → Trend

Single Exponential Smoothing

- No Trend
- No Seasonality
- Level
- Noise (cannot be modeled)

Holt's method

- Also called double exponential
- Trend
- No Seasonality

→ [Level + Trend] =

Winter's method

- Trend
- Seasonality
- Seasons are possible

→ [Level + Trend + Seasonality]

	Level	Trend	Seasonality
✓ SES		• X	• X
✓ Holt's Method	Level +	✓ ✓	• X
✓ Holt-Winters' Method	Level +	✓ ✓	✓ ✓

Add notes

by Investigate

For SES model there is no trend required nor seasonality

For Halts method trend is must and is required but not seasonality

And in Halts Winters method both trend and seasonality is required and is must.

Box jekins Arima model building there are time series plot ACF plot PACF plot .



Zoom

Leave

REC

LIVE

Box-Jenkins ARIMA model-building

time series plot, ACF plots, PACF plot (P & Q values)

- Model identification
 - If the time plot 'looks' non-stationary (difference) until the plot looks stationary
 - Look at ACF and PACF plots for possible clue on model order (p, q)
 - When in doubt (regarding choice of p and q), use the principle of parsimony (A simple model is better than a complex model)
- Estimate model parameters
- Check residuals for health of model
- Diagnose if necessary
- Forecast using the fitted model

TESS

plot ACF plots, PACF plots

Nonstationary

(time series data)

forecast

lag order

$p=1, q=1$

$p=1, q=2$

$p=2, q=1$

46

THANK YOU



Certificate Of Participation

This Certificate Is Gladly Awarded To

SADIYA ABDUL SAYYED

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 10th December 2022 To 21th January 2023.




Ram Tavva
CEO, ExcelR

Certificate no: EDL-DS -DEC/EXELR/00437/2201023

Certificate Of Participation

This Certificate Is Gladly Awarded To

SOHEL ABDULHAFIZ SHAIKH

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.



Ram Tavva

CEO, ExcelR



Date : 28/05/2022

INTERNSHIP OFFER LETTER

Shaikh Hafsa Noorulain

Flat No :404, Madinah Complex,41B-New Mangalwar path,
Pune, Maharashtra
PIN CODE - 411011

Miss **Shaikh Hafsa Noorulain**,

Broadstairs is pleased to offer you an educational internship opportunity as a Trainee – Developer intern. You will report directly to the Key Manager. This position is located in Pune.

As you will be receiving academic credit for this position, you will not be paid during the internship program, we will be paying you according to your performance at the end of the internship. There will not be any other benefits as part of the internship program.

Your schedule will be approximately for 40 Hrs per week, beginning from 27/12/2021. Your assignment concludes on 27/05/2022.

Please indicate your acceptance of the internship by signing this letter and returning it to the Representative of the Company.

Congratulations and welcome to the Team!

Best Wishes,

Broadstairs IT Solutions



Authorized Signatory

I accept the above internship offer described in this letter:

4/0/2022

28/05/2022

Signature

Date



Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

- Affiliated to Savitribai Phule Pune University: ID No PU/PN/ASC/023/1970
- Junior College Index No: J-11.15.004
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute
- UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



K. B. Hidayatullah Road, Camp,
Pune - 411001. (MS), India



+91-20-2545 4240 / 2544 5319.



principal@poonacollege.edu.in
www.poonacollege.edu.in

Professor (Dr.) Aftab Anwar Shaikh

M.Com, Ph.D (Busi. Admin.)
PRINCIPAL

Date: 17/01/2022

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



EXCEL R

ExcelR Solutions

&



Anjuman Khairul Islam's
Poona college Of Arts, Science And
Commerce Camp, Pune - 411001
Maharashtra

FOR

**Student Development & Faculty Development
Programs on Different Emerging Software
Technologies**

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after called as the 'MOU') is entered into on this the 17 day of 01 month 2022 by and between

ExcelR Solutions,

And

**Anjuman Khairul Islam's
Poona college of Arts, Science and Commerce Camp,
Pune - 411001 Maharashtra**

This MOU is designed to encourage the collaborative activities on academics, training and research as following:

1. Faculty training and students training at the Industry
2. Provision of Experts lecture of mutual interest.
3. Research collaboration cum projects on the topics of mutual interest to be undertaken at the research centre of this college as well as industry by students and faculty.
4. Exchange of information and technical literature related to teaching and research.
5. Involvement in organization of conferences/workshops/seminars on the topics of mutual interest.
6. Exchange visits of collaborating partners to promote the objectives of this MoU.
7. Probable placement of the students at the industry on merit basis.
8. To establish Research and Development centre for tool designing at the institute campus.

9. Allocate suitably qualified members to impart and oversee training of the students as per the Syllabus.

10. ExcelR LMS Integration with Poona College Website.

THIS AGREEMENT OF COOPERATION WILL BECOME EFFECTIVE FROM THE DATE OF SIGNING FOR AN INITIAL TERM OF FIVE YEARS AND WILL BE SUBJECT TO CHANGE, RENEWAL AND TERMINATION ON MUTUAL CONSENT.

This MOU is written in English Signed by both Parties at Pune on 17th January 2022. The period of the agreement is valid for a period of 5 years from the date of signing of this agreement.

AGREED:

For: **ExcelR Solutions**

For **Anjuman Khairul Islam
Poona college Of Arts, Science
And Commerce Camp, Pune -
411001 Maharashtra**

Shyam Narayan (Director)

**Professor.(Dr). Aftab Anwar
Shaikh
Principal
PRINCIPAL**



Seal & Authorised Signatory



Seal & Authorised Signatory

College of Arts, Science & Commerce
Camp, Pune-411001.
Principal Office



MEMORANDUM OF UNDERSTANDING

1. This Memorandum of Undertaking (MOU) is made on **24/06/2019** between **Broadstairs IT Solutions (OPC) PVT LTD** an IT Consultancy and Product Company and **Y. & M. AKI's Poona College of Arts, Science and Commerce**.
2. **Broadstairs IT Solutions (OPC) PVT LTD** will be having its campus drive at **Y. & M. AKI's Poona College of Arts, Science and Commerce**.
3. Y. & M. AKI's Poona College of Arts, Science and Commerce is having its Regional Office at Pune, Maharashtra, **Signatory Authority, Prof. (Dr.) Aftab Anwar Shaikh**, Principal, Y. & M. AKI's Poona College of Arts, Science and Commerce.
4. The program & activities under this MoU covers **"Internships, final placement of students, expert sessions, industrial visits, field visits, on-job training & CSR activities."**
5. Whereas the **Broadstairs IT Solutions (OPC) PVT LTD** is desirous of undertaking a joint project for the students & industry benefit, the two parties to this Memorandum of Understanding, with the intention of both being mutually bound, accept the following responsibilities:
6. **Responsibilities of the Broadstairs IT Solutions (OPC) PVT LTD:**
The Opportunity must provide in following areas;
 - a) Student's summer & winter internship projects.
 - b) Organize short term on job training for students by providing industry practical exposure to students through the short term training activity.
 - c) Sharing industry expert knowledge to students through participation in various guest lectures and seminars.
 - d) Conduct various CSR activities for community benefits.
 - e) Provide assistance for conduct of study visits, Industry visits etc.
7. **Responsibilities of Y. & M. AKI's Poona College of Arts, Science and Commerce :**
Y. & M. AKI's Poona College of Arts, Science and Commerce shall:
 - a. Provide the following minimum infrastructural facilities for smooth conduct of various activities under MOU.
 - b. Provide a list of students interested in internship, placements.

- c. Shall ensure through proper coordination and consultation for smooth conduct of CSR activities sessions.
- d. Participate in CSR activities of Broadstairs IT Solutions (OPC) PVT LTD.

8. Amendment to the Agreement

The obligation of the **Broadstairs IT Solutions (OPC) PVT LTD** and **Y. & M. AKI's Poona College of Arts, Science and Commerce** has been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for alteration or modifications of this Agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

9. Period of Validity

This agreement shall be initially valid for **Five (5) years i.e. from 24 June 2019 to 23 June 2024** and to be renewed subsequently by mutual consent of both the parties.

10. Arbitration

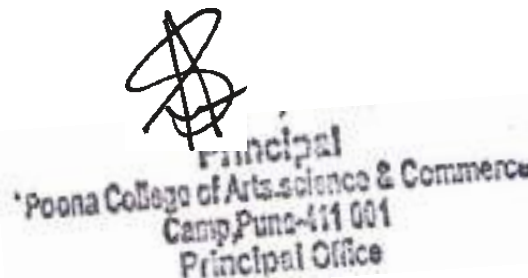
Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations and agreements by the parties to the Agreement.

For Broadstairs IT Solutions (OPC) PVT LTD
Pune



Waseem Sajjad
Founder & CEO,
Broadstairs IT Solutions (OPC) PVT LTD

For Y and M AKI's Poona College of Arts, Science and
Commerce, Camp, Pune



Prof. (Dr.) Aftab Anwar Shaikh,
Principal,
Poona College of Arts, Science and Commerce





Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

• Affiliated to Savitribai Phule Pune University: ID No PUPN/ASC/023/1970

• Junior College Index No: J-11.15.004

• Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute

• UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



K. B. Hidayatullah Road, Camp,
Pune - 411001, (MS), India



+91-20-2645 4240 / 2644 6319.



principal@poonacollege.edu.in
www.poonacollege.edu.in

Professor (Dr.) Aftab Anwar Shaikh

M.Com, Ph.D (Busi. Admin.)

PRINCIPAL



MEMORANDUM OF UNDERSTANDING (MoU)

ON CO-OPERATION

FOR

Strengthening Industry-Academia Engagement

Between

AKI's Poona College of Arts, Science & Commerce

Camp, Pune - 411 001, Maharashtra.

And

Elite Softwares, Pune

**CoHive, 3rd Floor, Dnyanvatsal Commercial Complex, Opp. Vandevi Mandir, Karve
Road, Kothrud, Pune, Maharashtra- 411052**



INTRODUCTION

This Memorandum of Understanding (MoU) is drawn up and agreed upon to establish the cooperation between **AKI's Poona College of Arts, Science & Commerce, located at Camp, Pune - 411 001** and **ELITE SOFTWARES** located at CoHive, 3rd Floor, Dnyanvatsal Commercial Complex, Opp. VandeviMandir, Karve Road, Kothrud, Pune - 411052 (Software Company) to strengthen industry-academia engagement.

PREAMBLE

AKI's Poona College of Arts, Science & Commerce is one of the leading **Education Institutes in Pune** which provides academic excellence for aspiring students. Along with academics students as well as faculties must have industrial exposure & awareness to latest trends of technology. This is possible with the joint efforts by academic institutions & industries for welfare of society. Elite Softwares exists to promote innovations & collective learning in the area of product design and development to local industry by providing appropriate & focused support. Elite Softwares assist in appropriate technology transfer & adoption of new technologies. A collaborative effort can strengthen technical skills & awareness of latest trends in industry. This Memorandum of Understanding between **Elite Softwares & Poona College of Arts, Science & Commerce** is made only for enhancing the technical skills of students and cannot be used as commercial liability in any aspects.

PURPOSE

The purpose of this Memorandum of Understanding between **ELITE SOFTWARES** and **Poona College of Arts, Science & Commerce** is to **strengthen the Industry Academia Engagement** with mutual understanding under which both the institutes will work together for better outcomes.



OUTLINE OF THE ROLES

Following roles are envisaged, the details will be arrived at in a separate Memorandum of Agreement:

Poona College of Arts, Science & Commerce:

- ✓ Appointment of faculty leader / team and develop their competency level for support & coordination in identification joint skill development training & awareness programs.
- ✓ Execution of the identified joint skill development training & awareness programs at **Poona College of Arts, Science & Commerce** and Elite Softwares as per agreed upon plan.
- ✓ Regulatory requirements compliance for the identified joint skill development training and awareness programs.
- ✓ Provide the brand of **Poona College of Arts, Science & Commerce** and outreach mechanism for marketing of the identified joint skill development training and awareness programs.
- ✓ **Poona College of Arts, Science & Commerce**, Department of Computer Science will setup "**WEBSITE DEVELOPMENT CELL**" in College Campus, where students can interact with live client's requirement.
- ✓ Participate in and volunteer for relevant events organized by the Elite Softwares.
- ✓ Display innovative technologies for operational environment testing.

Elite Softwares, Pune:

- ✓ Elite Softwares especially focused on students self-employment ability and entrepreneurship program, where students while learning can earn and compete with Industry Requirement.
- ✓ Under this MoU Elite Softwares trying to fulfill the GAP between Industry Requirement and Academic Syllabus and provide **Internship Opportunities in Various Technologies**.
- ✓ Under Entrepreneurship and WEB DEVELOPMENT CELL, we will provide few live projects to students for their live client experience and will provide experience letter to those students who work on live project during academy.
- ✓ Elite Softwares to design and arrange Faculty Development Program (FDP) for



College Faculty on latest trends and demands of Industries.

- ✓ MoU will work for Placements & Internships for Students.
- ✓ Encourage Students to undertake any product research or Product Development Projects of Elite Softwares or its associate Companies.
- ✓ With college permission, once in a month will visit to college and interact with students, to motivate and update with a latest technology.
- ✓ This MoU will build, every student will be self-independent, ready to work on live projects while academy, ready for placement interviews, confident building using our self-employment unit and Professional attitude somewhere we want to build in students, so they can easily work in IT Industry.
- ✓ Offer infrastructure at Elite Softwares for execution of Joint skill development training and awareness programs.
- ✓ Offer know-how for the planning and execution of the identified joint skill development and awareness programs.
- ✓ Contribute to the competency development of team for the identified joint program.
- ✓ Enable internships for students engaged in joint skill development and awareness programs depending upon the need of ELITE SOFTWARES and other programs at **Poona College of Arts, Science & Commerce.**
- ✓ Enable interaction opportunities for faculty at **Poona College of Arts, Science & Commerce** for continual improvements.
- ✓ Enable engagements with the industry for various joint initiatives.
- ✓ Arrange industrial visits for faculties and students of **Poona College of Arts, Science & Commerce.**



1. Duration / Term of the MoU:

This MoU shall be valid for Five (5) years from the date of its entering into and may be Mutually extended from time to time in writing by both institutes.

2. Changes / Amendment:

No change can be made to this MoU without written consent and duly signed by both Institutes. Additions, deletions and/or alterations to this MoU may be effected with the written agreement of both institutes to this MoU concerning the changes.

CONTACT PERSONS

Elite Softwares, Pune
Mr. Swami Panjala
Founder and CEO

AKI's Poona College of Arts, Science &
Commerce
Dr. Aftab Anwar Shaikh
Principal

Elite Softwares, Pune
CoHive, 3rd Floor, Dnyanvatsal
Commercial Complex, Opp,
VandeviMandir, Kothrud, Pune - 411052

AKI's Poona College of Arts, Science &
Commerce
Camp, Pune - 411 001, Maharashtra.

Mob: +91- 9096622683
Email: swami@elitesoftwares.co.in

Tel.: + 91 9822621579
Email: dranwarshaikh@gmail.com

This MoU is prepared in two copies on both parties letter head. Each organisation holds one original copy duly signed by the competent authority.

Signed

Date 15th December 2021

For and on behalf of:

Elite Softwares, Pune



Swami N. Panjala
Founder and CEO

AKI's Poona College of Arts, Science &
Commerce, Pune

Dr. Aftab Anwar Shaikh
Principal

Poona College of Arts, Science & Commerce
Camp, Pune-411001.
Principal Office

Witness:

Witness:

Shakilash Dilip Shelar

Shelar

Dr. Aftab Anwar Shaikh

Iqbal N Shaikh



=====

MEMORANDUM OF
UNDERSTANDING

=====

Prepared For: Campus2Corporate Program

2018-2023

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Memorandum of Understanding

Between

Vision Foundation, Pune

And

Y&M AKI's Poona College of Arts, Science & Commerce

Preamble

This Memorandum of Understanding (MoU) is made between the Y&M AKI's Poona College of Arts, Science & Commerce and the Vision Foundation, Pune setting down rules for cooperation between NGO and the aforementioned Institution. It provides a framework within which all collaborative activities and projects will be undertaken in the Poona College Campus.

Purpose

The purpose of this MoU is to define the operational framework governing Cooperation between the two Parties in the following areas:

- (a) Participation of Campus2Corporate program and constituents in the regular activities of AKI's Poona College;
- (b) Exploration of opportunities for jointly extending learning services provided by AKI's Poona College;
- (c) Organization of joint-activities for AKI's Poona College and Vision Foundation, Pune;
- (d) Enhancing Technical skills in all the Computer Science students of AKI's Poona College;
- (e) Participation in experience-sharing and institution-building activities;
- (f) Exposure visits and facilitation of leadership development programmes/activities for the students of AKI's Poona College.
- (g) Providing world class training which meets the industry needs.
- (h) Vision Foundation will help students to become more compatible to meet the need of industry
- (i) Vision Foundation would like to adopt 25 students from AKI's Poona College.
- (j) Train them on technical skills, soft skills and help them to excel in interviews

Specific areas of collaboration

The framework of cooperation between Vision Foundation and AKI's POONA COLLEGE includes the following priority areas:

- a) There are many areas which need to be worked upon, below are the points, which have been considered for improvement of Computer Science students. Quality Factor, Way of Learning/Teaching, Lack of Infrastructure, HR Recruitment, Process Ratio of Engineering graduates each year versus Number of jobs available, Automation Factor, Government Attitude (quality v/s quantity), Students Attitude etc. We will work on most of the areas to train students.
- b) Training for students, especially in the areas of training such as Personality Development, Interview Preparation, Resume Writing, Soft Skills.
- c) Special Boot camps will be organised for all the students, IOT Internet of Things, LINUX Open source, Machine Learning, Artificial Intelligence, Robotic Processing Automation, BIG data, Cloud Computing, Web Development, and App development.
- d) Adopted Students will go through all the special training as per the requirement of Industry and their interest area.
- f) Technical assistance will be provided in the form of facilitating opportunities for strengthening all the students and adopted students capacity in terms of providing learning services; Soft Skills, Technical Skills, Boot Camps etc.

Terms and conditions

The two institutions will endeavour to cooperate as follows:

- (a) Identification of standard courses relevant for AKI's POONA COLLEGE students to attend in Campus premises only;
- (b) Promotion of activities within the network of AKI's POONA COLLEGE partners and vice versa;
- (c) definition of needs of the students of AKI's POONA COLLEGE to be satisfied by tailored exposure visits and leadership development activities in AKI's POONA COLLEGE and other places where practice has advanced;
- (d) Design, organization and implementation of Campus2Corporate program will be done by VISION FOUNDATION and learning events (e.g. Academies) to be attended by AKI's POONA COLLEGE students, in Pune,

(e) Design, organization and implementation of joint-learning and training programmes for constituents in Pune (in AKI's Poona College Campus);

(f) Identification of opportunities for involving Centre specialists in the design and implementation of AKI'S Poona College activities as well as Vison Foundation experts in the activities. AKI's Poona College students could benefit from Vision Foundation experts knowledge of, and involvement in, the industry compatibility context for preparation of training material, sharing faculty and subject matter experts;

(g) Collaboration on conducting technical sessions and arrangement of Conference halls and Labs for demonstration to the extent that they fit and support the mandate and thematic interest(s) of AKI'S Poona College, and in the knowledge that outcomes reinforce the process of designing learning experiences and other major activities of both organisations.

The AKI'S Poona College and Vision Foundation agree that the financial arrangements in relation to the Initiatives implemented within the framework of this MoU shall be determined on a case by case basis with due regard to the need of organizations to recover costs.

Limits to agreement

The AKI's POONA COLLEGE and VISION FOUNDATION hereby acknowledge their agreement in principle to the above mentioned framework and areas of cooperation. This MoU does not constitute any formal obligation on behalf of either AKI's POONA COLLEGE or VISION FOUNDATION to provide support for any individual project, activity or product.

Additional areas of collaboration may be identified during the lifetime of this MoU.

Timeframe and financial conditions

This MoU will continue for year 2018- 2019 from the date of signature. It is understood that each joint-activity shall be formalised through the elaboration and signature of a specific agreement including a technical proposal and a cost estimate that must be approved by both parties to this memorandum prior to implementation of the activity.

Other parties

Other parties may join this collaboration:

- (a) In the context of single activities or projects on a case by case basis, as appropriate;
- (b) In the context of the overall MoU and the signatories to a revised form of this MoU, provided that the original signatories consent with written approval.

Copyright

9. AKI's POONA COLLEGE and VISION FOUNDATION agree on the following rules for the protection of materials used in the training and learning activities:

(a) The NGO VISION FOUNDATION will retain ownership and copyright of all training and learning materials and media developed under this MoU by its students and consultants, understanding that AKI'S POONA COLLEGE can use this material for training and learning purposes;

(b) All training and learning materials and media referred to under sub-paragraph (a) will include the following note on the cover page:

(c) VISION FOUNDATION will retain ownership and copyright of all training materials and media developed under this MoU by its students and consultants, understanding that the AKI's POONA COLLEGE, can translate this material for training and learning purposes;

(d) All training and learning materials and media referred to under sub-paragraph (c) will include the following note on the cover page:

Copyright [year], Indian Copyright Act 2012). Publications of the Centre enjoy copyright under Protocol 2 of the Universal Copyright Convention. Nevertheless, short excerpts from them may be reproduced without authorization, on condition that the source is indicated. For rights of reproduction, application should be made to the AKI's POONA COLLEGE, at PUNE. The AKI's Poona College welcomes such applications.

Copyright Publications of AKI's POONA COLLEGE are protected under sections of the Indian Copyright Act 2012 as well as relevant sections of the Universal Copyright Convention. Short excerpts may be reproduced without authorization on the grounds of proper acknowledgement of source. In the case extensive use and/or reproduction, express permission must be obtained from VISION FOUNDATION Pune.

(e) All training and learning materials and media developed under this MoU jointly by AKI's POONA COLLEGE and Vision Foundation will be co-owned by both organizations which will therefore have joint-copyright, the modalities of which will be determined on a case by case basis.

Disputes

The Parties shall make their best efforts to amicably settle all disputes, controversies or claims arising out of, or in connection with, this MoU or the interpretation thereof. Any dispute, controversy or claim arising out of or relating to this MoU, or the breach, termination or invalidity thereof - which cannot be settled amicably within sixty (60) days - shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996. The Parties hereto agree to be bound by any arbitration award rendered in accordance with this provision as the final adjudication of any dispute.

Privileges and Immunities

Nothing in this MoU, or relating thereto, shall be construed as constituting a waiver of the privileges and immunities enjoyed by the Centre as a specialized agency of the Customer Social Responsibility CSR in the framework of The Ministry of Corporate Affairs as notified in Section 135 and Schedule VII of the Companies Act 2013 as well as the provisions of the Companies (Corporate Social Responsibility Policy) Rules, 2014 to come into effect from April 1, 2014.

Implementation

Overall responsibility for the implementation of this MoU rests with the respective management of AKI's POONA COLLEGE and the VISION FOUNDATION Pune, as represented by the heads of both institutions, being signatories to this document in those capacities. Additionally, and for ease of coordination of activities under this MoU, the Desk Officers are:

For NGO: Vision Foundation
President
Mr. Farid Shaikh
Campus2Corporate Program
Flat No. 505, Wing A-1, Sr. No. 21,
NIBM , Kondhwa, Pune 411048

For Y&M AKI's POONA COLLEGE:
Prof. Dr. Aftab Anwar Shaikh
Poona College of Arts, Science & Commerce Camp,
Pune - 411 001, Maharashtra, INDIA.,

Review

The Parties agree to conduct regular joint-reviews of the progress on collaboration and the nature of collaborative activities under this MoU. The Parties shall, from time to time, at the request of either Party, hold discussions through their representatives with regard to progress on any activity or selected activity under this MoU.

Termination

After consultations have taken place between the Parties, either Party may give the other Party written notice of termination of this MoU. Termination shall take effect seven (7) days after receipt of the notice. Such termination shall not affect the implementation of activities for which a specific agreement was signed nor jeopardize their orderly conclusion.

Seed. No - 1093



Certificate Of Participation

This Certificate Is Gladly Awarded To

SUNDKE SALAH NAZIR

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.




Ram Tavva

CEO, ExcelR

Certificate no: EDL-DS-JAN/EXCEL R/00260/2502022

G.N-1058



Certificate Of Participation

This Certificate Is Gladly Awarded To

SHAIKH MOHSIN HABIB

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.




Ram Tavva

CEO, ExcelR



Certificate Of Participation

This Certificate Is Gladly Awarded To

RABBI MOHAN SINGH

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.



Ram Javva
CEO, ExcelR

R-N-9113

S.M-1179



Certificate Of Participation

This Certificate Is Gladly Awarded To
Siddique Salim Shaikh
For Active Participation In 40 Contact Hours
VIRTUAL TRAINING PROGRAM ON DATA SCIENCE
Held From 20th January 2022 To 24th February 2022.




Ram Tavva
CEO, ExcelR

Certificate no: EDL-DS -JAN/EXCELR/00110/2502022

S no - 1140

Gaus modaf 9159
Group (9)

G-A



Certificate Of Participation

This Certificate Is Gladly Awarded To

GAUS MODIN NADAF

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From: 20th January 2022 To 24th February 2022.



Ram Tavva

CEO, ExcelR

Certificate No: EDL/01/IAN/EXCEL R/0097/2502022

5110-1146

Call: 9059



G-A

Certificate Of Participation

This Certificate Is Gladly Awarded To

RIDA IFTEKAR PATEL

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.



Ram Tavva
Ram Tavva

CEO, ExcelR

Certificate no. EDL-DS-JAN/EXCEL R/0027/2502022

S no - 1202

Roll no. 9154



G-A

G-9

Certificate Of Participation

This Certificate Is Gladly Awarded To

TARANNUM SHAIKH

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.




Ram Tavva
CEO, ExcelR

Certificate no. EDL_DS_JAN_EXCEL R_00316/2502022

9056 - Tejas Dattatray Sutar

Sno - 1210

group (9)

G-A



Certificate Of Participation

This Certificate Is Gladly Awarded To
TEJAS DATTATRAY SUTAR
For Active Participation In 40 Contact Hours
VIRTUAL TRAINING PROGRAM ON DATA SCIENCE
Held From 20th January 2022 To 24th February 2022.



Ram Tavva

CEO, ExcelR

Certificate no: EDL-DS -JAN/EXCELR/0081/2502022

G-9 9153
S no -1214



G-A

Certificate Of Participation

This Certificate Is Gladly Awarded To
ASEEM GULAB TAMBOLI
For Active Participation In 40 Contact Hours
VIRTUAL TRAINING PROGRAM ON DATA SCIENCE
Held From 20th January 2022 To 24th February 2022.




Ram Tavva

CEO, ExcelR

Certificate no. EDL-DS-JAN/EXCELR/00179/2502022



Certificate Of Participation

This Certificate Is Gladly Awarded To

HEENA MAINODDIN SHAIKH

For Active Participation In 40 Contact Hours

VIRTUAL TRAINING PROGRAM ON DATA SCIENCE

Held From 20th January 2022 To 24th February 2022.




Ram Tavva

CEO, ExcelR



Anjuman Khairul Islam's
**POONA COLLEGE
OF ARTS, SCIENCE & COMMERCE**

K. B. Hidayatullah Road, Camp, Pune - 411001.



Date: 30-04-2022

Department of Computer Science & B.B.A (C.A)

Important Notice

All the students of T.Y.B.Sc. (C.S.) and T.Y.B.B.A. (CA) are hereby informed that, the Department of Computer Science and BBA(CA) going to conduct Training session on "**Soft Skills**" which will be held from Tuesday **10th** May to **14th** May 2022 from **11:00 a.m. to 01:00 p.m.** at **Poona College Library**. Attendance is compulsory. All are advised to attend the same.

Dr. Shabana Shaikh
I/C Head, Computer Science &
Head, B.B.A (C.A)

Professor Dr. Aftab Anwar Shaikh
Principal



Y & M Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Affiliated to Savitribai Phule Pune University: ID No. PU/PN/ASC/023/1970)

ACTIVITY REPORT

(2021 - 2022)

I. Basic Details:

Name of The Activity: C2C: Soft skills Training Sessions in association with Vision Foundation.			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
10 th to 14 th May 2022	Computer Science	Department of Computer Science	Mr. Md. Abdul Quddus Mr. Faheem Ahmed
Time	Venue	Activity for class/ group student number	Nature: Academic/co- curricular / extracurricular/ Environmental/ social/ other
11:00 AM	College Library & H.No.101	T. Y. B. Sc. (C S) / T.Y.B.B.A(CA) 60+ Students	Soft skills Training Sessions

II. Brief Information about the Activity (Criterion no -)::

Topic/ Subject of the activity	Soft skills Training Sessions
Objective for conducting the activity	The objective behind having such session is to cover various topics like soft skills, goal setting, improve communication skills, Presentation skills, time management, etiquette and manners, personality development, resume writing, team work and leadership skills. Organized for T. Y. B. Sc. (C S)/ T.Y.B.B.A (CA) students.
Methodology	Training sessions conducted by Corporate Trainer.
Outcome	Excellent sessions which helped attendees to improve soft skills and build a good future in corporate sector.

III. Proofs attached: letters/ student list of participation/ certificate/ document/photos/ any other

1. Student list of participation	2. Photos	3. Report in documentation
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Y & M Anjuman Khairul Islam's

POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Affiliated to Savitribai Phule Pune University: ID No. PU/PN/ASC/023/1970)

Report on Soft Skills Training

The Department of Computer Science and Department of BBA(CA), Anjuman Khairul Islam's Poona College of Arts, Science and Commerce in association with "Vision Foundation Filament of Hope" organized Five Days "Soft Skills Training Session" (from 10th May to 14th May 2022). The training session was coordinated by Mr. Muhammad Abdul Quddus from Computer Science Department, Mr. Faheemuddin Ahmed and Dr. Imran Mirza from BBA(C.A.).

Mr. Zulfi Sayed, Director at Multi National Company for Customers Compliance and Fraud Management Function was the trainer for the Soft Skills training session. He shared his experience and motivated the students.

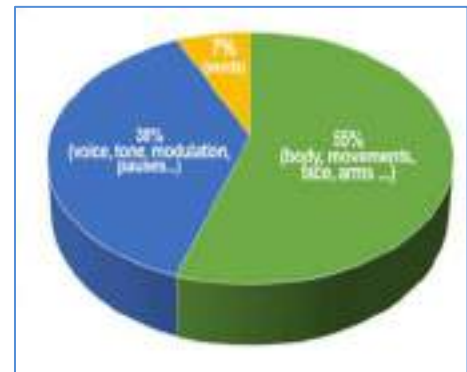


Mr. Azim Baig, Dr. Aftab Anwar Shaikh, Principal, Mr. Zulfi Sayed, Mrs. Shabana Shaikh Hod CS



Topics as per session

1. Soft skills
2. Goal Setting
3. Communication Skills
4. Interview Skills
5. Presentation Skills
6. Etiquette and Manners
7. Time Management
8. Personality Development
9. Resume Writing
10. Team Work and Leadership Skills



HOW WILL THIS TRAINING HELP ME ?

- Understand soft skills techniques
- You will have the tools needed to incorporate soft skills during every professional interactions.

WHY SOFT SKILLS ARE VERY IMPORTANT ?

- To handle inter personal relations.
- To take appropriate decisions.
- To have good impression and impact to gain professional development.

On Day-1...

COMMUNICATION SKILL AS SOFT SKILLS.



✚ Communication is the sending and receiving of message. Communication can occur between one or many different people.

✚ Communication skills form the corner stone of soft skill

✚ Every human being has to essentially and effectively communicate with others.

✚ Using the right word in the right order.

Mr. Zulfi Sayed gave the students a task for Day 2 i.e. to prepare a self introduction in which the students had to tell their Name, where they are from, qualification, skills and a little bit about their self.

On Day -2..

The students gave a Self Introduction as a Candidate for an Interview and Mr Zulfi was as an Interviewer.

Introduction Pitch:- Create an elevator pitch and practice it, so you're comfortable describing yourself. Carefully analyze the job before the interview, so you can point out the interests, skills, experiences, and personal qualities that will enable you to meet or exceed the job and company requirements. Review answers to "tell me about yourself" questions.

1:- Always keep a smiling face while introducing one self.

2:-Dress appropriately Appearance plays an important role when meeting someone new.

3:-Prepare what to say after you've got the visuals down, plan on the first few speaking moments of your introduction.

4:- Be aware of body language.



Types Of Interview Questions:-

- Open Ended.(Descriptive Answers required)
 - Closed ended (YES/NO Answers required)
 - Assumptive/Optional (Choices between two)
 - Leaving Question
-
- Open-Ended Interview Questions

While the specific questions asked in a job interview will vary by organization and job type, there are a few common types of open-ended interview questions. Preparing in advance for how you would answer these types of questions can help improve your chances for a successful interview.

- Be specific.
- Connect it to the job description.
- Provide the right amount of detail.



6 WIVES and 1 HUSBAND (Open ended questions type)

- | | | |
|---------|----------|--------|
| 1. WHAT | 3. WHERE | 5. WHO |
| 2. WHEN | 4. WHICH | 6. HOW |

Closed Ended Questions

Closed-ended questions are questions that have a single word answer, 'Yes' or 'No'.

Assumptive/Optional Questions

These questions have answers from a choice between two.

Example:What do you prefer **Tea** or **Coffee**?

Leaving Questions

These questions are a mixture of **Open-ended questions**, **Closed-ended questions** as well as **Assumptive questions**

On Day-3....

Applying for a job:

- Different social job platforms such as LinkedIn
- Match your resume with the Job Description
- Always make note of where you have applied
- Along with your resume attach your cover-letter

Resume Writing:

- Essentials things that should be mentioned are: Name, Valid phone number, Email address, LinkedIn link, Descent Photograph, Skills, Educational Qualification, Key Strengths ,weakness
- As per the requirement of Job Description ,highlight keywords in your resume
- Black and Blue colours can be used , but don't use Red colour as it stands for danger



Interview Skills:

When the interview closes, consider this as one more opportunity to make a lasting impression. At the end of your interview, you should shake the interviewer's hand and thank them for their time and consideration. Remember to make eye contact and smile.

Follow up:

The interview may indeed be the bulk of the process, but when the interview ends you still have an opportunity to make an impression. After each interview during the interview process, you should send a follow-up email to the person you met with. Make sure to:

- Thank them again for meeting with you.
- Take a second to clarify or ask anything that you wish you had during the interview.
- Reiterate your eagerness to join their team

Interview Panel:

Points should be taken into consideration while giving Interview.

- Your eyes should be zig-zag way.
- Given attention and talking to everyone.
- Making proper eye contact.
- Keep the interaction between both the guys.
- Keep hand gestures, don't keep them stationary .Use your hand movements for creating energy, interest in audience, etc.

- Don't back your audience.
- Leadership Skills:
 - **Team Building**

Team building is the process of turning a group of individual contributing employees into a cohesive team—a group of people organized to work together to meet the needs of their customers by accomplishing their purpose and goals.

- **Time Management**

Time management is essential, as it touches aspects of the study, employment, family, personal interests, social life, commitments, and several others. It is also a great skill to be learned as it is the pillar that holds a successful career.

1. Time management increases productivity and efficiency.
2. It creates a better professional reputation and a better career.
3. Time management reduces stress and gives the chance to work with expediency.
4. Managing time results in opportunities for progression and continuity.
5. It gives opportunities to achieve important life goals.
6. Time management gives quality and efficient workflow personally and within teams.



On Day-4...

Presentation during Interview:

- Prepare a 1 page Slider about yourself
- Make sure you put those things on which you can talk about
- Make bullet points
- Highlight the keywords according to the Job Description
- In between ask the interviewer ,if he has any questions

Effective PowerPoint Presentation:

- Use the slide master feature to create a consistent and simple design template.



- It is fine to vary the content presentation (bulleted list, two-column text, text and image, etc.), but be consistent with other elements such as font, colours and background.
- Simplify and limit the number of words on each screen. Use key phrases and include only essential information.
- Limit punctuation and avoid putting words in all-capital letters. Empty space on the slide will enhance readability.
- Use contrasting colours for text and background. Light text on a dark background is best. Patterned backgrounds can reduce readability.
- Avoid the use of flashy transitions such as text fly-ins. These features may seem impressive at first but are distracting and get old quickly.
- Learn to navigate your presentation in a nonlinear fashion. PowerPoint allows the presenter to jump ahead or back without having to page through all the interim slides.
- Practice moving forward and backward within your presentation. Audiences often ask to see a previous screen again.
- Practice with someone who has never seen your presentation. Ask them for honest feedback about colours, content and any effects or graphic images you've included.
- Do not read from your slides. The content of your slides is for the audience, not for the presenter.
- Do not speak to your slides. Many presenters face their presentation onscreen rather than their audience.
- Do not apologize for anything in your presentation. If you believe something will be hard to read or understand, don't use it.

Mr. Zulfi made four groups and gave them a task of making a presentation and present it on the next day. This task was thought of very wisely since it was the combination of all that, which students had learned in 4 days i.e. Communication, Time management, Team building, PowerPoint presentation, presenting their self, etc.



Groups giving Presentation

On Day-5...

The teams were ready and excited, one-by-one each team gave their presentation. Mr. Zulfi Sayed was the judge and he noted down marks on the basis of every teams performance. After each presentation, Mr. Zulfi gave suggestions to every individual member of the team on which they should work upon. At the end, results were announced, the winning team got the prize from Mr. Zulfi Sayed. And here the '5-days Soft Skill Training Session 'got completed.

Prize Distribution



Winning team with Mr. Zulfi Sayyed



students with Mr. Zulfi Sayyed

Conclusion: The Soft Skill Training session conducted by Mr. Zulfi Sayyed was indeed very informative and helpful for the students. The guidance given by the trainer will surely help the students to build a good future in corporate sector. Hence it can be concluded that this training session was successful.

AKI's Poona College of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:- 11/05/2021

Time:- 11:00 AM

Soft Skills Training

Venue:-

Library

Class:

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher's Incharge: Mr. Abdul Quddus Ansari
/ Mr. Faheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Mirza Meena Z	9057261371	9009	Mirza
2	Shaikh Sahar Naeem	9579308105	9037	Shaikh
3	Naveha Jaha Gunraj	9766316221	6504	Naveha
4	Indira Kanchwala	9545775995	6506	Indira
5	Nayshika Jaha Gunraj	9175012396	6508	Nayshika
6	Imam Esmay Sauid	9305104517	6505	Imam
7	Ahmed Aman Kamuddin	9112255515	6611	Ahmed
8	Pathkelan Shuaibrahman	9150730172	6611	Pathkelan
9	Fardin Khan	7972623388	6609	Fardin
10	Fauzan Bhatti	9623102036	6601	Fauzan
11	Dash Jaganakar	9607602094	6607	Dash
12	Sajid Shaikh	7033013986	6642	Sajid
13	Aman I Shaikh	701027123	9135	Aman
14	Aman Shaikh	9112467436	9140	Aman
15	Abhishek Anur	8669179824	9016	Abhishek
16	Ahmad Shaikh	9284077188	9141	Ahmad
17	Maman Shaikh	9604887352	9123	Maman
18	Shaikh Sharifa	7262970109	9104	Shaikh
19	Ayra Shaikh	9229247115	9129	Ayra
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 Signature of Faculty Incharge

Attendance Sheet
DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 11/08/2021

Soft Skills Training

Time: 11:00 AM

Venue:

Library

Class:

I.Y.BSc(CS)/
I.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Ghalid Anwar /
Mr. Fakhem Ahmed

S.No	Name	Contact	Roll No	SIGN
1	Abdul Kadir Akhbar	898351387	9121	[Signature]
2	Shahid Numan Malik	9820534491	9003	[Signature]
3	Shahid Khan	7249455119	9075	[Signature]
4	Shahid Ahmed	920105021	9055	[Signature]
5	Muhammad S. Dhandaut	8856000861	9140	[Signature]
6	Momin Shahwan az	9839047479	9007	[Signature]
7	Shahid Ghaffar	9623709431	6601	[Signature]
8	Shahid Akhbar Khan	9676041854	6607	[Signature]
9	Shahid Shahid	7038073986	6648	[Signature]
10	Shahid Shahid	9960386267	9044	[Signature]
11	Aman I Shahid	8040671685	9155	[Signature]
12	Aman Shahid	9117467456	9140	[Signature]
13	Mohal Mohal Redhwan	9822524291	9127	[Signature]
14	Fajal D. Sultan	7287110200	9086	[Signature]
15	Bagwan Santoshij	9385609686	9040	[Signature]
16	Muhammad Sayed	9836773690	9120	[Signature]
17	Umar Bagwan	96859162838	6605	[Signature]
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Signature of Faculty Incharge

Attendance Sheet
DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 12/05/2021

Time: 11:00 AM

Soft Skills Training

Venue:

Library

Class:

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Quddus Ansari / Mr. Faheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Momina Meenaz	9067261311	9008	<i>[Signature]</i>
2	Shaikh Saher Naem	9579305106	9037	<i>[Signature]</i>
3	Kushwaha Pooam Daramdas	01156535261	9143	<i>[Signature]</i>
4	Shaziyah Shaikh	9262970169	9109	<i>[Signature]</i>
5	Aliya Kalim Shaikh	71559701972	9129	<i>[Signature]</i>
6	Sharmeen Qureshi	7219996691	6633	<i>[Signature]</i>
7	Shaikh Zibra	9970731852	6638	<i>[Signature]</i>
8	Manyas Jewariya	7083693998	6636	<i>[Signature]</i>
9	Charni Naushreen	9970504266	6624	<i>[Signature]</i>
10	Shaikh. Ayesha	9373842398	6637	<i>[Signature]</i>
11	Khan Shifa Rasool	9284383676	6627	<i>[Signature]</i>
12	Ayesha Harune	7744057342	6623	<i>[Signature]</i>
13	Nida Shaikh	7775867249	6663	Nida
14	MISBA PATWAD	9370132566	6615	<i>[Signature]</i>
15	Amrit Kumar Sharmy	7522934668	6676	<i>[Signature]</i>
16	ARSALAN GHUFRAN	930534576	6621	<i>[Signature]</i>
17	Aman Kumar Singh	9330279052	6619	Aman
18	Ahmad Zameer Ghaffar	7313630459	6620	Ahmad
19	Zahir Alam	8409666086	6632	Zahir
20	Saniya Bhole	9850333674	9020	<i>[Signature]</i>
21	Saleha Rode	8329542504	9021	<i>[Signature]</i>
22	Fauziya Sayyed	7058084081	9025	<i>[Signature]</i>
23	Afiya Shaikh	7066978361	9114	<i>[Signature]</i>
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[Signature]
Signature of Faculty Incharge

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:- 12/05/2021

Soft Skills Training

Time:- 11:00 AM

Venue:-

Library

Class:

T.Y.BSc(CS)/
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Qudus Ansari
/ Mr. Fataem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Attar Kaif Akhtar			
2	SHAIKH AMRAN AJAZ	8983519957	9121	<i>[Signature]</i>
3	Mohammad Arbaz Khan	8857057896	9158	<i>[Signature]</i>
4	Huzayf Shaikh	7249433714	9074	<i>[Signature]</i>
5	Adnan D Meman	9607053945	6626	<i>[Signature]</i>
6	Salilabehar Sheldre	8087937766	6602	<i>[Signature]</i>
7	Munib Dhandruk	7885192747	9118	<i>[Signature]</i>
8	Shanekh Sayyed	9856000861	9148	<i>[Signature]</i>
9	Ismail.A.Mulla	7385786543	6644	<i>[Signature]</i>
10	Sajid JAVED Shaikh	9511737938	6643	<i>[Signature]</i>
11	Ragib Jalgaonkar	7038013986	6648	<i>[Signature]</i>
12	Nitin Jaiswal	9607602484	6607	<i>[Signature]</i>
13	Nayab Adnan	9668032153	6630	<i>[Signature]</i>
14	Sameer Shaikh	8208822629	6614	<i>[Signature]</i>
15	Suhaib Shaikh	8087336385	6613	<i>[Signature]</i>
16	Ayaz F. JAHAGIRDAR	7756827814	6664	<i>[Signature]</i>
17	Ismail S. Meman	8806155264	6617	<i>[Signature]</i>
18	ABRAR. A. Shaikh	9307421775	6622	<i>[Signature]</i>
19	Abhishek. H. Singh	9373115937	6653	<i>[Signature]</i>
20	Rehan Mujumdar	7620119485	6667	<i>[Signature]</i>
21	Badane Faisal Akhtar	9834668859	6606	<i>[Signature]</i>
22	Shaikh Aman Kamruddin	9404822827	6628	<i>[Signature]</i>
23	Path Kalan Shujaur Rehman	9112265515	6611	<i>[Signature]</i>
24	Baqwan Sarfaraj Yusuf	9156230123	6651	<i>[Signature]</i>
25	Salif Shaikh	7385609686	9040	<i>[Signature]</i>
26	Aman. Amjad. Shaikh	8796330888	9106	<i>[Signature]</i>
27	Mudassar Sayeed	9112467456	9140	<i>[Signature]</i>
28	Nitesh madesh pandey	9036718690	9120	<i>[Signature]</i>
29	Mahd Mahdi Deghan	845904784	9136	<i>[Signature]</i>
30	Nirbhay Sharma	9822523292	9127	<i>[Signature]</i>
		9822370705	9126	<i>[Signature]</i>

[Signature]
Signature of Faculty Incharge

AKI's Poona College of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:- 12/05/2021

Time:- 11:00 AM

Soft Skills Training

Venue:-

Library

Class:-

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Quddus Ansari
/ Mr. Faheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Shaikh Maim Halik	9325538129	9003	Shaikh
2	Momin Shahnawaz Shahid	9834043429	9007	Momin
3	Shaikh Asif Ahmed	9286865021	9055	Asif
4	Ahmad Shaikh	9284077183	9141	Ahmad
5	Abusalek Ayyaz	8669179824	9016	Abusalek
6	Sahnail Ansari	7978971408	9757	Sahnail
7	Tejas D. Subar	7387114148	9086	Tejas
8	Mohammed Zaki	9284014071	9119	Mohammed
9	Amaan J. Shaikh	8020810883	9135	Amaan
10	Christian Chappara	9960917997	9009	Christian
11	Teeshan Shaikh	9309173805	9103	Teeshan
12	Sahib Habib Shaikh	9112279104	9133	Sahib
13	Nawaz Khan	7448240144	9038	Nawaz
14	Khanwale AFJub	3856984154	9039	Khanwale
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Attendance Sheet
DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 13/05/2021

Soft Skills Training

Time: 11:00 AM

Venue:

Library

Class:

T.Y.BSc(CS)/
T.Y.BBAC(A)

Total Number of Students Attended:

Teacher's Incharge: Mr. Abdul Qudus Ansari
/ Mr. Faheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Shaikh Nairoo Habib			
2	Mohammad Anwar Khan	932553889	9003	Anwar
3	SHAKH AMAN AJAZ	724943374	9074	Anwar
4	Ahmed Kaif Akhtar	885705296	9158	Anwar
5	Ayaz F. Jambhale	8983519957	9121	Anwar
6	Amritkumar Sharma	887158204	6617	Anwar
7	Nitin Jaiswal	7522934668	6676	Anwar
8	Adnan Meman	2668672153	6630	Anwar
9	Sadat Sayed	8087937766	6602	Anwar
10	Shamshuddin Sayyid	920882269	6614	Anwar
11	Ismael A. Mulla	7388786543	6644	Anwar
12	Sajid J. Shaikh	9511737938	6643	Anwar
13	Raghu Rajgopal	7033013986	6648	Anwar
14	Abdullahi Ismail	9607602484	6607	Anwar
15	Abdullahi Ismail	9011523360	6658	Anwar
16	Ismael S. Meman	9307421725	6622	Anwar
17	Fahim Bhatti	9623107434	6601	Anwar
18	Muhammad Anwar	9823062665	6616	Anwar
19	Anwar Kumar Singh	9330279052	6619	Anwar
20	ARZALAN Bhatti	9305345783	6621	Anwar
21	Zahir Alam	8409666036	6632	Anwar
22	Subair Shaikh	775672774	6664	Anwar
23	Sameer Shaikh	885212315	6603	Anwar
24	Shaikh Anwar Kamruddin	911226575	6611	Anwar
25	Pathikalan Shujaurrahman	9156275173	6651	Anwar
26	Safarat Begum	7385609666	9040	Anwar
27	Rehan Mujahid	983466885	6606	Anwar
28	Badane Faizal	9404822827	6628	Anwar
29	Purovraj Raghuraman	9730192590	6618	Anwar
30	Kamran Tanden Singh	6909548177	6610	Anwar
31	Armaan Shaikh	9156314897	9029	Anwar


Signature of Faculty Incharge

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date:- 13/05/2021

Time:- 11:00 AM

Soft Skills Training

Venue:-

Library

Class:

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Quddus Ansari
/ Mr. Faheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Momin Shahnaaz	9824043429	9007	
2	Munib Dhandruk	8856000961	9148	
3	Mahdassar Sayeed	9836723570	9120	
4	Nitesh Mukesh Pandey	8459047824	9136	
5	Mohammed Zaki	9284014074	9119	
6	Mahd Mahali Deghar	9822524292	9127	
7	Nishant Khanna	9822370106	9126	
8	Abhishek Anji	866979824	9016	
9	Tejas D. Sutar	7387114148	905	
10	Sahil Anand B. Shinde	7385192702	9117	
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Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 13/05/2021

Soft Skills Training

Time: 11:00 AM

Venue:

Library

Class:

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Qudus Ansari / Mr. Fuheem Ahmed

Sr.No	Name	Contact	Roll No	SIGN
1	Shaikh Saher Naeem	9579305106	9037	Shaikh
2	Momin Meeraaz Riyaz	9067261371	9008	meeraaz
3	Shaikh Shariya	9262970109	9109	Shariya
4	Mangun Javeriya	7083693998	6636	Javeriya
5	Sharmeen Qureshi	7313234964	6623	Sharmeen
6	Zilra Shaikh	9970731852	6638	Zilra
7	Simran Abbas	7552571065	6646	Simran
8	Naushreen Charni	9970504266	6624	Naushreen
9	ALIDA SHAIKH	7775867249	6663	Alida
10	AYESHA HANURE	774405842	6623	Ayesha
11	MISBA PATHAN	9370132566	6615	Misba
12	Khan Shifa	9284383676	6627	Shifa
13	Rodde Saleha	8329542504	9021	Saleha
14	Khan Alheena	9156800242	9035	Alheena
15	Bhole Saniya	9850333674	9020	Saniya
16	Kushwaha Poonam Dharamdas	9156535261	9143	Poonam
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Signature  Faculty Incharge

College of Arts, Science & Commerce, Pune-01
Attendance Sheet
DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 14/05/2021

Soft Skills Training

Time:-11:00 AM

Venue:-

Library

Total Number of Students Attended:

Class:

I.Y.BSc(CS) /
I.Y.BBA(CA)

Teacher/s Incharge: Mr. Abdul Qudus Ansari / Mr. Faheem Ahmed

Sl.No	Name	Contact	Roll No	SIGN
1	Shaikh Sahar Naem			
2	Kishor Patil	9573305105	9027	Patil
3	Momin Meem	0156535061	0113	Meem
4	Suraj Shaikh	906726137	9008	meem
5	Mohammed Suveiya	7262020109	9109	Patil
6	Zikra Shaikh	208369398	6636	Patil
7	Shameer Qureshi	208367899	6638	Patil
8	Khan Shifa Rasool	208367398	663	Patil
9	Simran Abbas	9284383676	6627	Patil
10	Aliya Shaikh	7558571065	6646	Patil
11	Momin Mohanwar	7559001912	9129	Patil
12	Abdulhadi Khatib	9874002429	9007	Patil
13	Rehan Sayyed	9011553360	6665	Patil
14	Shadab Shaikh	8329095177	9137	Patil
15	Islam Pathan	9665538424	9134	Patil
16	Atiya Shaikh	7249382743	9131	Patil
17	Momin Shaikh	9156314897	90299	Patil
18	Nikhil Khanna	8222370705	9126	Patil
19	Atar Kaf Akhbar	8983519957	9121	Patil
20	Shaikh Naam Halik	9325538129	9003	Patil
21	Nitesh Nuf-sh Pandey	8459040821	9136	Patil
22	Aseem Tamboli	9022699121	9153	Patil
23	Mohammed Zaki	9284014074	9119	Patil
24	Ismael Memon	920721775	6622	Patil
25	Sahil Yashwanth Ansari	7378991406	9151	Patil
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 Signature of Faculty Incharge

College of Arts, Science & Commerce, Pune-01

Attendance Sheet

DEPARTMENT OF COMPUTER SCIENCE, BBA-CA

Date: 14/05/2021

Soft Skills Training

Time: 11:00 AM

Venue:

Library

Class:

T.Y.BSc(CS) /
T.Y.BBA(CA)

Total Number of Students Attended:

Teacher/s Incharge: Mr. Abdul Qudus Ansari / Mr. Faheem Ahmed

S.No	Name	Contact	Roll No	SIGN
1	Mohd Mahdi Rehman	9822524292	9127	Mahdi
2	SHAMKH AMMAN AJAZ	8857057896	9158	Shamkh
3	Ahmed Zaki Awi	866979824	9016	Ahmed
4	Sufi Ahmad Ali Shahid	7325192742	9118	Sufi
5	Munib Dhandruk	9856000811	9148	Munib
6	Aarav Khan	7249433714	9074	Aarav
7	Huzefa Shoukh	9607053745	6626	Huzefa
8	Nitin D Iniswal	8668632157	6630	Nitin
9	Fathkhan Hujour Rehman	9156730123	6651	Fathkhan
10	Saidi Aman Kamran	9112265555	6641	Saidi
11	Ismail A. Mulla	951179738	6643	Ismail
12	Rohit Jalgaonkar	9607602484	6607	Rohit
13	Badane Faizal Akhtar	9404822877	6628	Badane
14	Rohan Mustafa	9834668859	6606	Rohan
15	Sajid Shaikh	7038013986	6648	Sajid
16	Adnan Memon	8087937766	6602	Adnan
17	Shawkh Saqib	7385786543	6644	Shawkh
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Signature of Faculty Incharge