



Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti's

Dr. Ambedkar College Deekshabhoomi, Nagpur

One Day International Webinar

Topic: "Applications of Artificial Intelligence in Statistics
and Mathematics"

Organised by

Department of Mathematics, Department of Computer Science and Department of Statistics

Date: 18th September 2021



Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti's

Dr. Ambedkar College
Deekshabhoomi, Nagpur



One Day International Webinar
Applications of Artificial Intelligence in Statistics and Mathematics

Jointly Organised by

Department of Statistics, Computer Science and Mathematics

Date: Saturday, 18-09-2021. Time: 11:00 A.M.

Mrs. A. M. Badar
Convenor

Dr. P. V. Nimbalkar
Co-Convenor

Mrs. S.M.Pawar
Organizing Secretary

Contact for further details:

Mrs. A. M. Badar :: 9890830772, email: anjaliBADAR11@gmail.com

Dr. P. V. Nimbalkar :: 9011095977, email: pankajNimbalkar3@gmail.com

About Dr. Ambedkar College, Deekshabhoomi, Nagpur

Founded by the visionary Late Padmashri Dadasaheb Gaikwad in 1964, Dr. Ambedkar College, Nagpur (DACN) affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur is indeed a time-tested centre for higher learning. DACN is located in the heart of the orange city at Holy Deekshabhoomi where Bharatratna Dr. B. R. Ambedkar, the architect of the Indian Constitution, embraced Buddhism. DACN functions under the aegis of Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur.

DACN originally began with a vision of becoming a seat of excellence in education and took the first modest step in this direction in 1964 with the introduction of Arts and Commerce faculties. During change of time, increasing inquisitive minds around the vicinity and explosion in scientific awareness encouraged us to introduce Science faculty in 1969. Those aspiring to wear the fabled Black Coat to fight for justice were provided the right opportunity when DACN started Law faculty in 1982. To keep pace with time DACN, also provided Management Education from 1984 till 1996 when a separate Management Institute was established.

About Webinar

Machine learning is a **method of data analysis that automates analytical model building**. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

Machine Learning has a significant presence in top emerging jobs in today's era. It's one of the fastest growing skills and almost every industry has been trying to implement it in their processes. Machine Learning covers a variety of statistical & mathematical techniques, computer coding skills which are useful for data analysis and central to the recent developments in deep learning.

Program Schedule

11.00 AM	General Welcome	Dr. J. J. Tripathi
11:05 AM	Welcome Speech	Dr. Mrs. B. A. Mehere
11.10 AM	Convenors Address	Mrs. Anjali Badar
11:15 AM	Introduction of Resource Persons-1	Dr. J.J.Tripathi
11:20 AM to 11:50 AM	Session-I "Machine Learning and Regression Analysis"	Mr. Satyajit Pattnaik
11:50 AM	Introduction of Resource Persons-2	Dr. Avinash Hedao
11:55 AM to 12:30 PM	Session-II "Applications of Mathematics in Machine Learning"	Dr. Hemant Jalota
12:30 PM to 12:45 PM	Question Answer Session	Both the Resource persons
12:35 PM to 12:45 PM	Vote of Thanks	Dr. Pankaj Nimbalkar

Eminent Speakers:



Mr. Satyajit Pattnaik,
Head,
Data Science,
Xccelerate,
Hong Kong.



Dr. Hemant Jalota,
Quantitative Analyst,
Equitick, Noida.

Organizing Committee

Chief Patron	Hon. Bhante Aarya Nagarjun Surei Sasai President, Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur.
Patron	Dr. Sudhir S Fulzele Secretary, Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur.
Chairperson	Dr. Mrs. B. A. Mehere Principal
Convenor	Mrs. A. M. Badar Head, Dept. Of Statistics
Co-Convenor	Dr. P. V. Nimbalkar Head, Dept. of Computer Science Dr. J.J.Tripathi Asst. Professor, Dept. Of Mathematics
Organizing Secretary	Mrs. S. M. Pawar Head., Dept. of Mathematics

Members

Mr. Winit Anandpawar	Mr. Vijeet Meshram
Dr. Avinash Hedao	Mr. Sujay Paldhikar
Ms. Pooja Kavishwar	Ms. Purva Wagh
Mr. Ashish Moraskar(Non-Teaching)	Ms. Rekha Arkal(Non-Teaching)
Ms. Shilpa Baghele	Ms. Komal Patel
	Dept. of Statistics

Registration is Mandatory
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<https://forms.gle/4Yuid97WZ9uuk9pv9>

Zoom
Link:<https://us06web.zoom.us/j/85331531725?pwd=clhYZjU4c2p0RzY29QaVhvMys5UT09k5Y29QaVhvMys5UT09>
Meeting ID: 853 3153 1725
Passcode: 577188

Feedback Form Link:
<https://forms.gle/n11yySZUvujp8d0U7>

Note: Submission of Feedback Form after webinar is compulsory to get an e-Certificate.

Feedback link will open during Q&A session. Feedback can be submitted till September 19, 2021 upto 1:00 P.M.

REPORT

Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention. Machine Learning has a significant presence in top emerging jobs in today's era. It's one of the fastest growing skills and almost every industry has been trying to implement it in their processes. Machine Learning covers a variety of statistical & mathematical techniques, computer coding skills which are useful for data analysis and central to the recent developments in deep learning.

Statistics and Computer Science form the core of data analytics. They are widely used in the field of machine learning to analyse, visualize and to interpret data so as to discover insights of data. Probability, which is a very important part of Statistics, has found a broad range of applications in several industries. Data analytics uses computer technology and the techniques in Statistics for collecting, pre-processing, and using the data for arriving at useful conclusions. Some of the topics of Statistics, which data analyst needs to know, are Descriptive Statistics, Probability Distributions, Hypothesis Testing, Regression Analysis, Sampling theory etc.

The concepts of mathematics are required to the large extent in the field of machine learning. It is another foundation skill required to become an expert in machine learning. One needs to know linear algebra to understand how each algorithm works. Concepts in linear algebra help to implement machine learning algorithms from scratch. This includes working with vectors and matrix operations in n-dimensional space. The topics of mathematics like Vectors and Matrix Properties, Matrix Transposition, Dot Product, Eigenvalues and Eigen vectors, Matrix Factorization, Principal Component Analysis, and Orthogonality are very important in machine learning.

Considering all of the above aspects a One-day International Webinar on “Applications of Artificial Intelligence in Statistics and Mathematics” was organised by the Department of Statistics, Department of Computer Science and Department of Mathematics. The main objective of the webinar was to create the awareness among the students about the use of artificial intelligence in statistical analysis and mathematics. Two eminent speakers Mr. Satyajit Pattnaik, Head, Data Science, Xccelerate, Hong Kong and Dr. Hemant Jalota, Quantitative Analyst, Equitick, Noida, were invited to enlighten the students and teachers on the topic. The response to the webinar was encouraging as **254** participants registered for this webinar.

The Webinar commenced with a General Welcome speech by Dr. J. J. Tripathi in which he welcomed both the guest speakers and the audience present. It was followed by an Inaugural Address by Dr. Mrs. B. A. Mehere, Principal, Dr. Ambedkar College, Nagpur. In the opening note she welcomed the speakers and gave a brief introduction of both of them. She gave information regarding the history of Dr. Ambedkar College to the participants of the webinar. She whole heartedly congratulated all the Organising Committee members of the Webinar.

After the Principal’s Inaugural Address Dr. J.J. Tripathi of Department of Mathematics invited Mrs. Anjali Badar, Head of Department of Statistics for the Convenor’s Address. Mrs. Anjali Badar started the speech by welcoming everyone followed by in-depth introduction of the topic of the webinar which was Machine Learning. She also gave an insight of the importance of Machine Learning and the growth perspectives in this subject.

Session-I “Machine Learning and Regression Analysis” was conducted by Mr. Satyajit Pattnaik, Head, Data Science, Xccelerate, Hong Kong. The speaker commenced his session by introducing himself stating that he has 10 years of industrial experience out of which 6+ years in Machine Learning and teaching data science. He gave information of different domains in which he is working. He started his presentation with the topic “Machine Learning and Regression”. He put forward his agenda for the presentation which was divided into four parts

1. Basic Understanding of Machine Learning
2. Regression Problems
3. Time series analysis
4. Real life use cases

The screenshot of agenda is given below:

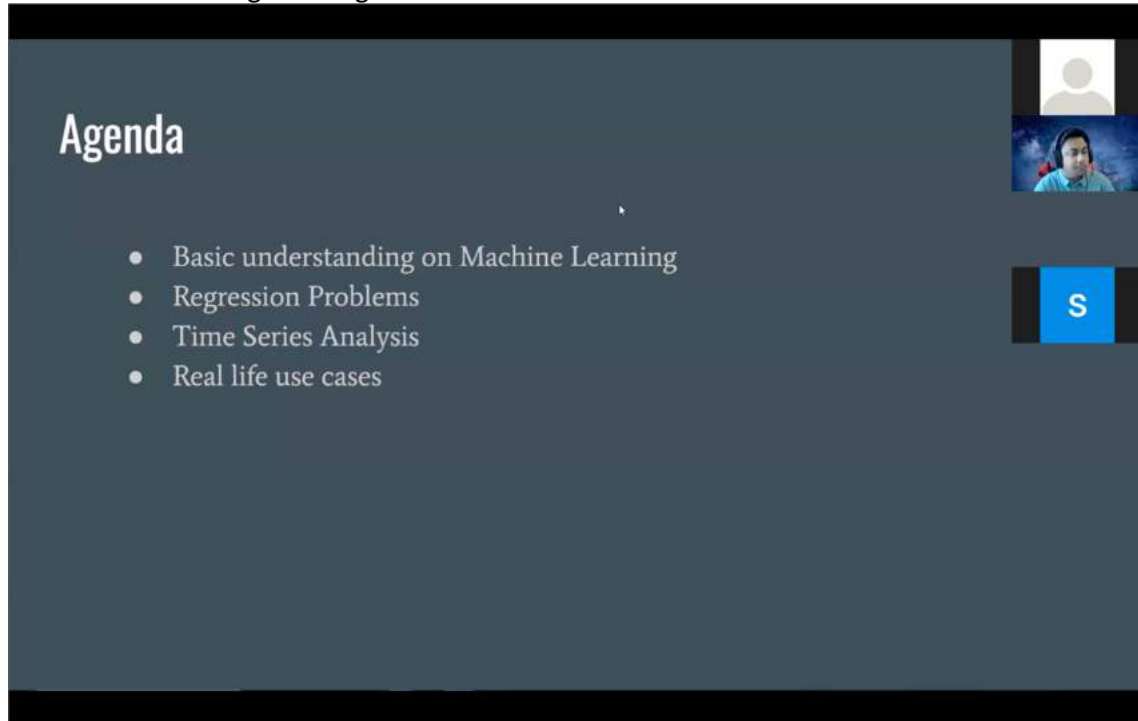
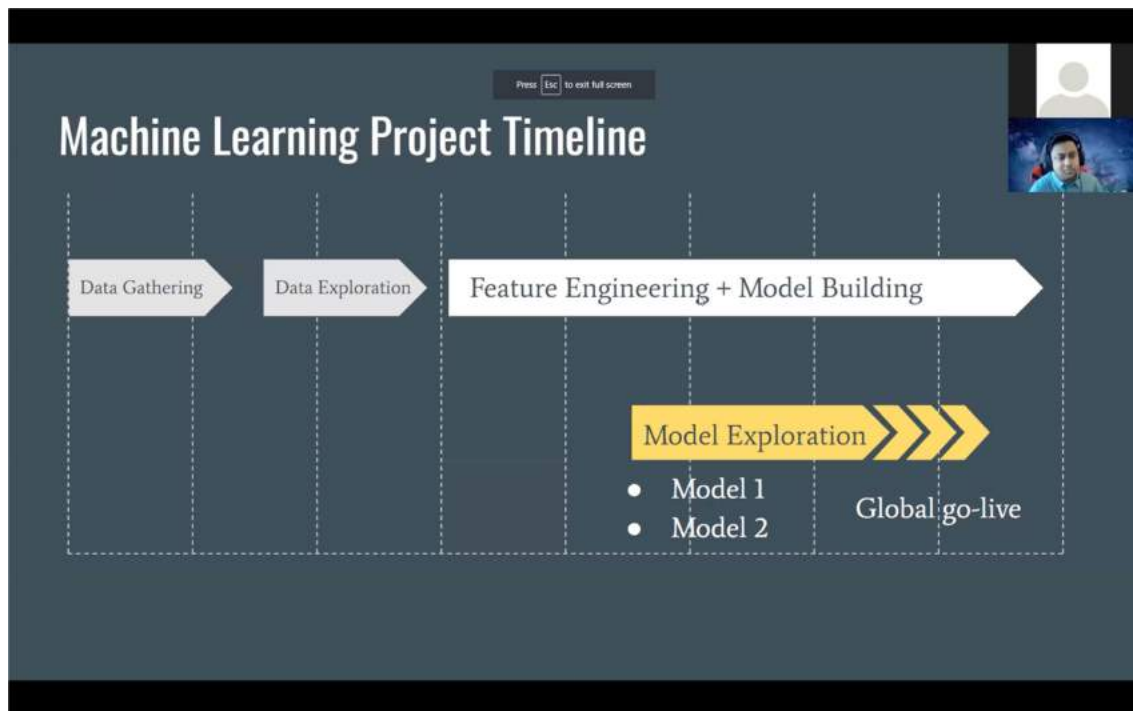


Fig : Agenda of the Session – I

He started his presentation by informing the audience that machine learning is categorised into three ways namely, **Supervised Learning, Unsupervised Learning and Regression Learning** which he explained briefly with the help of a diagram. Then he explained the audience about how Regression falls under Supervised Learning. Continuing the topic of Regression, he then elaborately explained the concept of Linear Regression. With the help of paint application in Microsoft Windows he explained what are the dependent and independent variables in Linear regression with some examples. He gave information about the various types of Regression algorithms. He explained the Linear regression followed by polynomial regression with the help of different graphs. He discussed real life examples to explain the topic and gave information of the tool (https://scikit-learn.org/stable/modules/generated/sklearn.linear_model.LinearRegression.html) which can be used by feeding the training data.

After Linear Regression the speaker talked about Multiple Linear Regression, which he explained in detail with the help of examples. The next topic was Time series Analysis which was very wonderfully explained with an example in real life and graph which was drawn with the help of paint application. He also explained about the components of a time series which are Trend, Seasonality, Cyclic/Irregularity and Noise. He again used the paint application to explain the concepts with an example and explained the components of time series. The last topic of his presentation was Machine Learning Project Timeline in which he explained different stages in the timeline which are Data Gathering, Data Exploration, Feature Engineering + Model Building lastly followed by Model Exploration which can be seen in the following screenshot.



Machine Learning Project Timeline

He concluded his session by encouraging the participants to explore more about the topic and informing the participants about his YouTube channel where anyone can get knowledge about relevant fields. The session was then open to audience for their queries related to topic.

After the conclusion of the Session – I, Dr. Avinash Hedao gave an introduction of the next topic Artificial Intelligence. Dr. Hedao gave a brief introduction of the next speaker Dr. Hemant Jalota.

Session-II “Applications of Mathematics in Machine Learning” by **Dr. Hemant Jalota, Quantitative Analyst, Equitick, Noida**. In the beginning he gave brief introduction of himself.

The guest speaker started his session by sharing power point presentation of contents of his topic. He explained **Bayesian Classification** in detail using the graph diagram in his presentation. He then moved to his next slide which was **Support Vector Machine** which again was very nicely explained with the help of a diagram on the slide, which can be seen in the next screenshot.

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4 / 10 100%

Support Vector Machine

• denotes +1
○ denotes -1

$f(x, w, b) = \text{sign}(w \cdot x + b)$

Support Vectors are those datapoints that the margin pushes up against

The maximum margin linear classifier is the linear classifier with the, um, maximum margin.

This is the simplest kind of SVM (Called an LSVM)

Linear SVM

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Support Vector Machine

Then he talked about the **Non-Linear Support Vector Machine** in his next slide and explained it nicely with the help of a diagram. He gave information about Kernel functions. Then he explained how only the important information is passed to the system while using **Principal Component Analysis** in his next slide, which can be seen in the next screenshot.

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6 / 10 100%

Principal Component Analysis

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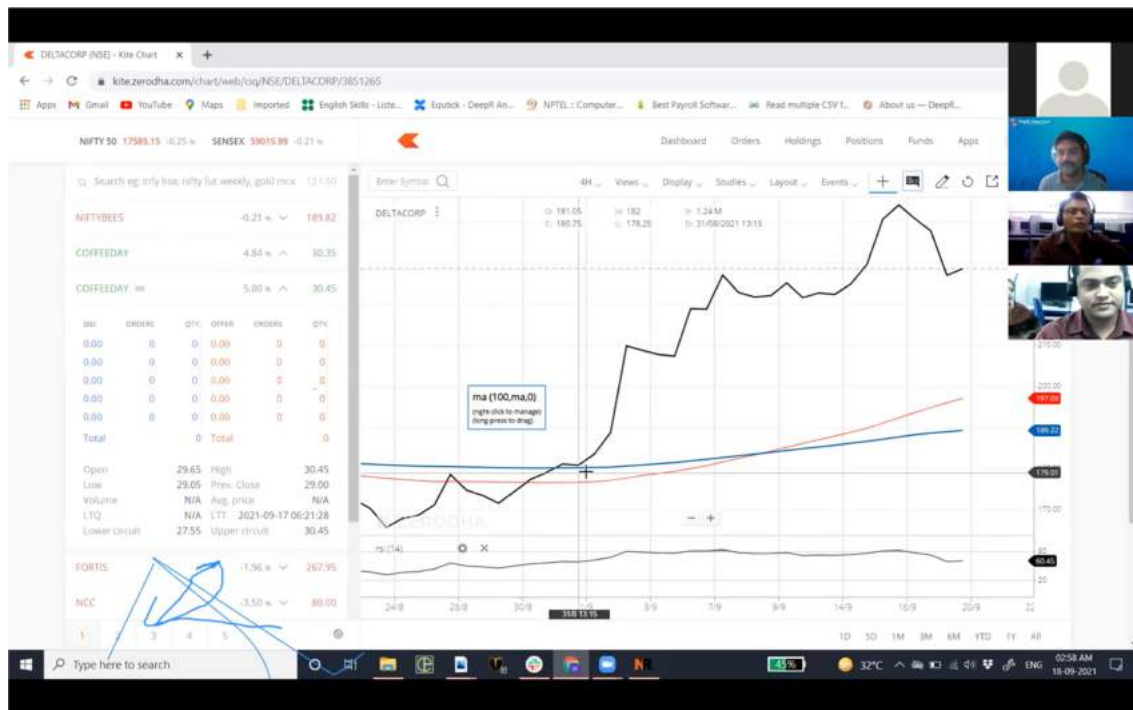
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18-09-2021

He gave inputs of Linear **Regression** in his next slide and continued on the base given by first speaker Mr. Satyajit Pattnaik and explained it with the help of a graph diagram in his slide. Then the speaker made the concept of **K-Mean cluster** clear to the audience with the help of a graph depicting K-Mean cluster, he talked about clusters and centroids in brief. Next, he informed the audience about **Training and Testing Data**, in which he covered terms like Underfitting, Overfitting, Test errors and Training errors. He concluded his session by giving an example of stock market on the website Kites by Zerodha, which is shown in the next screenshot.



A short question answer session was followed after conclusion of second session. The speakers gave satisfactory answers to all queries asked by the teachers and students in the audience.

After the conclusion of the final session a formal vote of thanks was given by Dr. P.V. Nimbalkar, Head, Department of Computer Science, Dr. Ambedkar College, Nagpur. He declared that webinar has been successfully carried out with its main theme and imparted knowledge of upcoming subject Machine Learning to the participants.

Timestamp	Email-ID	Name of the Participant with Title as Dr./Mr./Mrs./Ms. (required on certificate)	Name of the Institute	Mobile Number	Did you have any technical difficulties while participating in this webinar? (you can select multiple options)	How did you find the content of all session	Please rate your overall gain in knowledge of the topics covered in the sessions.	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Mr. Satyajit Pattnaik]	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Dr. Hemant Jalota]	Would you be interested in attending such webinars in future?	Kindly give your valuable remarks about this webinar.
14/09/2021 16:41:26	psujay2001@gmail.com	Mr. Sujay S. Paldhikar	Dr. Ambedkar College, Deeksha Bhoomi, Nagpur	9130616306	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	Overall good
18/09/2021 12:20:41	sakshikatre28@gmail.com	Ms.sakshi Shivshankar katre	Rashtrasant tukdoji maharaj	8208863487	Confusion about the Registration process, Problems during log-in process for webinar platform	Excellent	Excellent	1	1	Yes	Informative
18/09/2021 12:24:28	indrajeetv14@gmail.com	Mr. Indrajeet Varhadpande	SVP CET, NAGPUR	9766777583	No.The webinar was organised in an efficient manner	Very good	very good	4	3	Yes	Very helpful
18/09/2021 12:27:08	ketakisawarkar2001@gmail.com	Mrs Ketaki Sawarkar	Ambedkar college	09511712226	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Good webinar
18/09/2021 12:27:59	shahmukesh2001@gmail.com	Mr. Mukesh shah	Dr Ambedkar college nagpur	7666758156	Sound wasn't clear	Excellent	Excellent	5	5	Yes	It's help us we want this type of webina at every week .
18/09/2021 12:30:56	mayurkshirsagar027@gmail.com	Mr. Mayur R. Kshirsagar	Dr. Ambedkar college Nagpur	7666254675	No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	Webinar is helpful for us for our job purpose.
18/09/2021 12:37:01	georgegigin31@gmail.com	Ms.Gigin	Dr Ambedkar college	7499035036	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Maybe	Well arranged and well spoken by speakers
18/09/2021 12:39:52	anushreewadjikar@gmail.com	Ms. Anushree Wadjikar	Dr. Babasaheb Ambedkar college, Nagpur	8390719223	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	The webinar was very informative and interesting
18/09/2021 12:43:28	daminisayyam9302@gmail.com	Ms. Damini Deepak Sayyam	Dr. Ambedkar college	7498307190	No.The webinar was organised in an efficient manner	Very good	Excellent	5	4	Yes	It was very informative and excellent webinar.
18/09/2021 12:45:16	kajalpatil3421@gmail.com	Ms. Kajal patil	Dr. Ambedkar college nagpur	8459935098	No.The webinar was organised in an efficient manner	Very good	Fair	4	4	Yes	Wonderful experience; very valuable guidance.
18/09/2021 12:47:05	ankitanimje1708@gmail.com	Ms. Ankita Devrao Nimje	Dr. Ambedkar college, Deekshabhoomi, Nagpur..	7499315282	No.The webinar was organised in an efficient manner	Excellent	very good	4	4	Yes	I found this meeting really helpful. one of the most enjoyable and informative webinar I have ever attended. Thank you for organizing and a special thanks to the great speaker's. Thank you for the excellent, clear and clinically oriented presentation. It was extremely helpful.
18/09/2021 12:49:52	indrajeetv14@gmail.com	Mr. Indrajeet Varhadpande	SVP CET, NAGPUR	9766777583	No.The webinar was organised in an efficient manner	Poor	very good	4	3	Yes	Very helpful
18/09/2021 12:50:48	aryabehare01@gmail.com	Miss. Arya Uday Behare	New arts commerce and science college Ahmednagar	8698335352	No.The webinar was organised in an efficient manner	Excellent	very good	4	3	Yes	Webinar was very informative and interesting.
18/09/2021 12:50:57	khushidiwane100@gmail.com	Khushi Sunil Diwane	Dr.Ambedkar college nagpur	9322474231	Problems with internet connection.	Very good	very good	5	5	Yes	Very Interesting
18/09/2021 12:50:58	sharvaritikre99@gmail.com	Ms. Sharvari Manohar Tikre	Dr. Babasaheb Ambedkar College Nagpur	8007372848	No.The webinar was organised in an efficient manner	Excellent	very good	5	4	Yes	I learnt many new things about data analyst and machine learning. And my doubt was a bit clear through this webinar.
18/09/2021 12:51:12	mardhiya23@gmail.com	Ms.Shaikh Marziya Zulfiqar	New Arts Commerce And Science College,Ahmednagar	8149783979	No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	Too good sir... Applied knowledge was also covered
18/09/2021 12:51:15	samikshapounikar@gmail.com	Ms SAMIKSHA R POUNIKAR	Dr Ambedkar college Nagpur	8605573402	No.The webinar was organised in an efficient manner	Fair	Fair	4	4	Maybe	It was overall good and informative
18/09/2021 12:51:26	trivenitandale123@gmail.com	Ms.	New Arts Commerce and science college	9146592401	No.The webinar was organised in an efficient manner	Good	Good	3	3	Yes	Please share/email ppt

Timestamp	Email-ID	Name of the Participant with Title as Dr./Mr./Mrs./Ms. (required on certificate)	Name of the Institute	Mobile Number	Did you have any technical difficulties while participating in this webinar? (you can select multiple options)	How did you find the content of all session	Please rate your overall gain in knowledge of the topics covered in the sessions.	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Mr. Satyajit Pattnaik]	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Dr. Hemant Jalota]	Would you be interested in attending such webinars in future?	Kindly give your valuable remarks about this webinar.
18/09/2021 12:51:31	ROHITCHAUDHARI8687@GMAIL.COM	Mr. Rohit Chaudhari	Dr. Ambedkar College, Nagpur	07620954647	No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	Nothing
18/09/2021 12:51:45	darshanashahu66@gmail.com	Ms. Darshana Shahu	Dr. Ambedkar College	8208772716	No.The webinar was organised in an efficient manner	Fair	Excellent	5	3	Yes	It was informative
18/09/2021 12:51:52	nishitabala8@gmail.com	Ms. Nishita Bala	Dr. Ambedkar College, Nagpur	7057378716	No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	The webinar was very informative .
18/09/2021 12:52:10	tanmayfale41@gmail.com	Mr Tanmay sunil fale	Dr. Ambedkar college nagpur	9325509629	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Excellent
18/09/2021 12:52:15	yogesh.v.warghat@gmail.com	Mr. Yogesh vinayak warghat	Dr. Ambedkar college deekshabhoomi nagpur	9307559109	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	Excellent and informative webinar
18/09/2021 12:52:26	gautampendharkar12@gmail.com	GAUTAM PENDHARKAR	DR AMBEDKAR COLLEGE	8087949388	No.The webinar was organised in an efficient manner	Very good	Excellent	5	5	Yes	GOT A CLEAR VISION FOR THE FUTURE
18/09/2021 12:52:37	sambreasawari@gmail.com	Ms.	Dr Ambedkar college nagpur	9359211317	No.The webinar was organised in an efficient manner	Very good	Fair	4	4	Yes	Excellent
18/09/2021 12:52:44	nehalambhurkar@gmail.com	Mr. Nehal Ambhurkar	Dr. Ambedkar College	8668280257	No.The webinar was organised in an efficient manner	Very good	very good	5	4	Yes	Webinar was well organized and was very knowledgeable and being a learning student I expect more webinars being held by the College in future.
18/09/2021 12:52:54	waghshubham59@gmail.com	Mr.Shubham Dilip Wagh	Hislop College,Nagpur	7769062543	No.The webinar was organised in an efficient manner	Fair	Fair	3	3	Yes	None
18/09/2021 12:53:02	shankarikhokaley24@gmail.com	Ms. Shankari S. Khokaley	Dr Ambedkar College, Nagpur	9021874957	No.The webinar was organised in an efficient manner	Very good	Fair	5	4	Yes	Webinar was good and knowledgeable.
18/09/2021 12:53:09	nishantraut56789@gmail.com	Mr. Nishant Vijay Raut	Dr. Ambedkar College deekshabhumi nagpur, Maharashtra	9021394563	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Arrange much more talk and session as such please we need of it.....
18/09/2021 12:53:21	pranitgpatil673@gmail.com	Mr	Dr. Ambedkar College , Nagpur	7620681376	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Excellent
18/09/2021 12:53:33	yukatisijapati40896@gmail.com	Ms. YUVATI CHHATRA SJJAPATI	Ambedkar college dikshabhomi nagpur	9322766614	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	It was really good and knowledgeable or we can say future profitable webinar I'm really happy for attending this webinar.
18/09/2021 12:53:45	bha.one2020@gmail.com	Mr. shivam Chunendra Bisen	Dr. BR Ambedkar college diksha bhoomi Nagpur	9623932227	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Excellent webinar organised by college. Thank you sir & ma'am
18/09/2021 12:56:08	shubhanshubhoskar435@gmail.com	Shubhanshu Shekhar Bhoskar	Dr Ambedkar college Nagpur	9168508156	Problems during log-in process for webinar platform. No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	This webinar is very interesting and I am very glad to attend this webinar I get a more knowledge and I really appreciate . I would like to you tell something about this webinar I get knowledge about stock market ,machine learning and data analytics this is very helpful for me and I am very thankful for this information providing us. thanking you.

Timestamp	Email-ID	Name of the Participant with Title as Dr./Mr./Mrs./Ms. (required on certificate)	Name of the Institute	Mobile Number	Did you have any technical difficulties while participating in this webinar? (you can select multiple options)	How did you find the content of all session	Please rate your overall gain in knowledge of the topics covered in the sessions.	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Mr. Satyajit Pattnaik]	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Dr. Hemant Jalota]	Would you be interested in attending such webinars in future?	Kindly give your valuable remarks about this webinar.
18/09/2021 12:56:22	yukatisijapati40896@gmail.com	Ms. YUVATI CHHATRA SIJAPATI	Ambedkar college dikshabhomi nagpur	9322766614	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	It was really knowledgeable and profitable webinar . Really happy to attend and gain knowledge. Speckers were good
18/09/2021 12:57:35	neetabala21041977@gmail.com	Mrs. Neeta Bala	Prerna International School	8237575110	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	The topic of the webinar was really good.
18/09/2021 12:58:21	apekshagondane306@gmail.com	Ms. Apeksha Gondane	Dr. Ambedkar college, nagpur	7218731779	No.The webinar was organised in an efficient manner	Very good	very good	3	3	Yes	It was very good
18/09/2021 13:00:52	riteshnagpure2003@gmail.com	Mr. Ritesh Dilip Nagpure	Dr. Ambedkar College Deekshabhoomi, Nagpur	9823719013	No.The webinar was organised in an efficient manner	Very good	very good	5	4	Maybe	I liked the webinar and got to learn a lot and I enjoyed the webinar so thank you for the webinar.
18/09/2021 13:00:52	vijeet.meshram@gmail.com	Dr. Vijeet Meshram	Dr Ambedkar college	9373251263	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	The seminar was very nice and informational
18/09/2021 13:04:02	gandharshende7777@gmail.com	Mr. Gandhar Shende	Dr. Ambedkar College Nagpur	9075366121	No.The webinar was organised in an efficient manner	Excellent	very good	5	4	Yes	The webinar was too good and I gained a lot of information about many things and I also got an idea of what to do next.
18/09/2021 13:04:32	ketakisawarkar2001@gmail.com	Mrs. Ketaki Sawarkar	Ambedkar College	09511712226	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Meaningful information
18/09/2021 13:05:54	winit.anand@gmail.com	Mr. Winit Anandpwar	Dr. Ambedkar College, Nagpur	9767939131	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	NA
18/09/2021 13:07:09	vyasthakur88@gmail.com	Vyaskumar thakur	Dr. Ambedkar college nagpur	9130166758	Sound wasn't clear	Good	Good	4	4	Maybe	Awesome... I like it.
18/09/2021 13:09:55	harshudapure6@gmail.com	Mr. HARSHAL ANIL UDAPURE	Dr. Babasaheb Ambedkar College, Nagpur	9561205599	No.The webinar was organised in an efficient manner	Excellent	Fair	5	4	Yes	It is very good webinar properly arranged/programmed by CS, Statistics and Mathematics Department of Dr. Babasaheb Ambedkar College Institute, nagpur. I would like to thanks Speakers of this webinar Mr. Satyajit Pattnaik sir and Dr. Hemant Jalota sir to give this interesting and helpful information about mashine learning . It is really nice webinar
18/09/2021 13:11:45	aliambarshaiikh78@gmail.com	Mr. Aliambar shaiikh	Dr. Ambedkar college, nagpur	9518546254	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	No
18/09/2021 13:12:10	chinmaykharat1432@gmail.com	Mr.	Dr. Ambedkar College	9130968071	No.The webinar was organised in an efficient manner	Very good	very good	5	4	Yes	Got a lot of Valuable information
18/09/2021 13:15:44	dhawadenr.acs@gmail.com	Dr. (Mrs.) Nital! Raju Dhawade	Taywade College ,Koradi	9422500074	Problems during log-in process for webinar platform	Excellent	Excellent	4	4	Yes	Lectures were very interesting Thanks to pawar madam & Jitesh sir for organization of International conference. Thank you
18/09/2021 13:16:46	samiksha2020m@gmail.com	Samiksha Subhash Mankar	Dr. Ambedkar college , nagpur	9689221932	No.The webinar was organised in an efficient manner	Excellent	Good	5	5	Yes	Informative

Timestamp	Email-ID	Name of the Participant with Title as Dr./Mr./Mrs./Ms. (required on certificate)	Name of the Institute	Mobile Number	Did you have any technical difficulties while participating in this webinar? (you can select multiple options)	How did you find the content of all session	Please rate your overall gain in knowledge of the topics covered in the sessions.	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Mr. Satyajit Pattnaik]	Give rating for the speakers of the webinar. (Note: Choose 1 for lowest rating and 5 for highest rating) [Dr. Hemant Jalota]	Would you be interested in attending such webinars in future?	Kindly give your valuable remarks about this webinar.
18/09/2021 13:22:43	shreyabodele16@gmail.com	Ms.shreya Rajesh Bodele	Dr. Ambedkar College Deeksha Bhoomi Nagpur.	7774979561	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	.
18/09/2021 13:24:05	rutujasthul@gmail.com	Ms. Rutuja Sthul	Ambedkar College	9405563712	No.The webinar was organised in an efficient manner	Very good	Fair	3	3	Maybe	It helped a lot
18/09/2021 13:35:53	prathambondre612@gmail.com	Mr. Pratham Manoj Bondre	Dr. Ambedkar college Nagpur	8381043646	No.The webinar was organised in an efficient manner	Very good	very good	4	3	Yes	It was a very good seminar and also very knowledgeable.
18/09/2021 13:36:03	yashklakhe@gmail.com	Mr. Yash Lakhe	Dr. Ambedkar College Nagpur	7588776320	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Thankyou
18/09/2021 13:38:08	bhatisahil62@gmail.com	Mr SAHIL bhati	Dr babasaheb ambedkar college	9860230113	No.The webinar was organised in an efficient manner	Good	Good	4	4	Yes	It was good
18/09/2021 13:41:51	sahilkshirsagar177@gmail.com	Mr. Sahil Anil Kshirsagar	Dr.Babasaheb Ambedkar college Nagpur	7058555936	No.The webinar was organised in an efficient manner	Very good	Excellent	5	5	Yes	A very good content providing webinar, gave a much important knowledge
18/09/2021 13:54:30	shreyasukhdeve05@gmail.com	Ms Shreya Sukhdeve	Dr Babasaheb Ambedkar college	9420405181	No.The webinar was organised in an efficient manner	Very good	very good	5	5	Yes	It was very informative thank you teachers
18/09/2021 14:03:01	agreshavinchurkar@gmail.com	Ms. Agresha Vinchurkar	Dr. Ambedkar College DikshaBhoomi Nagpur	8483993574	No.The webinar was organised in an efficient manner	Excellent	very good	4	4	Yes	good webinar
18/09/2021 14:43:32	himanshudhawade99@gmail.com	Mr. Himanshu Dhawade	Dr. Ambedkar College Nagpur	9011780940	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Maybe	Webinar was informative and conducted in very efficient and understandable manner
18/09/2021 14:56:04	sscharjan1967@gmail.com	Dr.Suryakant shesharaoji Charjan	K.Z.S.Science College, Bramhni Kalmeshwar	09764852973	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	Organization of webinar was very nice. Thanks Principal sir and his team
18/09/2021 14:59:52	nikitajangale8123@gmail.com	Ms.Nikita Jangale	Dr.Ambedkar College , Nagpur	7350124467	No.The webinar was organised in an efficient manner	Excellent	very good	5	5	Yes	I really enjoyed this webinar. It was a bit long, but very informative and engaging. I learned so much from it. Thanks a lot!!
18/09/2021 15:13:58	mayankchonde2002@gmail.com	Mr. Mayank Chonde	Dr. Ambedkar college, nagpur	9657567142	No.The webinar was organised in an efficient manner	Excellent	very good	5	5	Yes	Very helpful for us
18/09/2021 15:53:05	salonijamewar@gmail.com	Mrs. Saloni Jamewar	Dr. Ambedkar College	9021573603	No.The webinar was organised in an efficient manner	Good	very good	4	4	Yes	Good
18/09/2021 16:06:38	prajwalmusale18@gmail.com	Mr. Prajwal Musale	Dr. Ambedkar College , Nagpur	9307137931	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Such webinar must be organized on regular basis .
18/09/2021 18:32:58	shreyashkulkarni2001@gmail.com	Mr. Shreyash Digamber Kulkarni	Dr. Ambedkar college, deekshabhoomi Nagpur	7498931305	No.The webinar was organised in an efficient manner	Very good	Excellent	5	5	Yes	Webinar was excellent. More webinar must be conduct in future to gain more knowledge.
18/09/2021 19:39:38	Sejaldeshmukh03@gmail.com	Ms.	Sejal Deshmukh	09168356657	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	It's excellent
18/09/2021 19:40:00	poorvawagh0508@gmail.com	Ms.poorva wagh	Ambedkar college Deekshabhoomi Nagpur	9623033147	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	Its very informative and interesting webinar
18/09/2021 20:43:36	bha.one2020@gmail.com	Mr. Shivam Chunendra Bisen	Dr.Br Ambedkar college diksha bhoomi Nagpur	9623932227	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Excellent webinar organised by college.

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18/09/2021 20:49:43	mackykhshirsagar23@gmail.com	Mr. Pallav Khshirsagar	Dr. Ambedkar College	8237623128	No.The webinar was organised in an efficient manner	Excellent	very good	5	5	Yes	I loved how Satyajit Sir gave info about Data Science and Machine Learning is a way to understand very easily and Hemant Sir telling about Stocks and stuff.
18/09/2021 21:03:35	aksharpanchakshari@gmail.com	Mr. P Akshar	Hislop College	8253036936	No.The webinar was organised in an efficient manner	Very good	very good	5	4	Yes	-
18/09/2021 22:44:42	avikkawade10@gmail.com	Mr. Avik Kawade	Dr. Ambedkar college , DeekshaBhoomi	9860249894	No.The webinar was organised in an efficient manner	Excellent	very good	5	5	Yes	Webinar is informative for further career decision
19/09/2021 06:47:36	somkuwarsonali008@gmail.com	Ms. Sonali Somkuwar	Dr. Ambedkar College, Nagpur	09923347674	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Overall it's very informative and interesting.
19/09/2021 09:06:16	aishar99ngp@gmail.com	Ms.	Aishwarya Hardas	9307458426	Problems with internet connection.	Excellent	Excellent	5	5	Yes	Webinar was really informative and helpful because it was not taught or told about artificial intelligence earlier so for me it was wondrous
19/09/2021 09:16:57	pranaybansod00@gmail.com	Mr. Pranay Bansod	Dr. Ambedkar college	9665152700	No.The webinar was organised in an efficient manner	Very good	very good	5	4	Yes	The webinar was very informative we learnt a lot
19/09/2021 11:41:08	achalbitne3107@gmail.com	Achal Bitne	Dr. Ambedkar College	8766436123	No.The webinar was organised in an efficient manner	Good	very good	5	5	Yes	This webinar given us lot of information about machine learning
19/09/2021 11:42:37	ajinkyavinchurkar@gmail.com	Mr. Ajinkya Vinchurkar	Sinhgad institute of technology lonavala	9370814133	No.The webinar was organised in an efficient manner	Very good	very good	3	3	Yes	It was good simple and understandable
19/09/2021 12:27:43	shravavaniingle03@gmail.com	Ms. Shravani Ingle	Dr. Ambedkar college	7875992408	No.The webinar was organised in an efficient manner	Very good	Fair	5	4	Yes	Very good
20/09/2021 21:36:59	poojakavishwar@gmail.com	Ms. Pooja Kavishwar	Dr. Ambedkar College	9075091757	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	The webinar was nicely conducted
22/09/2021 13:20:32	harshapethe@gmail.com	Dr. Harshala B. Pethe	Dr. Ambedkar College, DeekshaBhoomi, Nagpur	9766893426	No.The webinar was organised in an efficient manner	Very good	very good	4	4	Yes	Well organised, and knowledgeable webinar
22/09/2021 13:56:44	likharsejal9@gmail.com	Sejal Likhari	Dr.Ambedkar college, nagpur	7083755076	No.The webinar was organised in an efficient manner	Excellent	very good	5	1	Yes	Interesting webinar
22/09/2021 14:01:58	likharsejal9@gmail.com	Sejal Likhari	Dr.Ambedkar college,nagpur	7083755076	No.The webinar was organised in an efficient manner	Excellent	very good	5	1	Yes	Good
23/09/2021 10:41:17	pranaychimankar4748@gmail.com	Mr Pranay Charuvind Chimankar	Dr ambedkar College Deekshabhoomi nagpur	7218934273	No.The webinar was organised in an efficient manner	Fair	very good	3	4	Yes	Very informative lecture
23/09/2021 10:46:03	khushboosuniljamodkar@gmail.com	Ms.Khushboo Jamodkar	Dr.Ambedkar college	+917030506635	Confusion about the Registration process	Excellent	very good	3	3	Yes	It was great and interesting webinar would like to attend much more like this
23/09/2021 12:45:40	shamakhani061@gmail.com	Mrs.	Dr Ambedkar college Deekshabhoomi, nagpur	9518316572	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	Yes.it was highly remarkable
23/09/2021 12:47:25	jainpriyanka.2207@gmail.com	Mrs. Priyanka Soitkar	Dr. Ambedkar College	7798629495	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	5	Yes	The webinar was organized very well... Speakers gave a very informative session. Congrats the team
23/09/2021 12:49:03	drprashantyende@gmail.com	Dr. Prashant Yende	Dr. Ambedkar College, Nagpur	9822945982	No.The webinar was organised in an efficient manner	Excellent	Excellent	5	4	Yes	Very informative
25/09/2021 11:09:02	dhawadenr.acs@gmail.com	Dr. (Mrs) Nita Raju Dhawade	Taywade College Mahadula. Koradi	9422500074	No.The webinar was organised in an efficient manner	Excellent	Excellent	4	4	Yes	Very nice