

Presentation Schedule, Course- Foundations of Data Science

S.No.	REGISTER NO	NAME	Date	Topic
1	22BAI10002	SHREY PANDEY	16-10-2023	Introduction: What is Data Science? Big Data and Data Science – Datafication – Current landscape of perspectives
2	22BAI10015	ARPIT GOYAL		
3	22BAI10017	SHATESH SONI		
4	22BAI10025	DHRUV SAINI		
5	22BAI10026	SANJAY JITHESH MADATHIL POYIL	16-10-2023	Skill sets needed; Matrices – Matrices to represent relations between data, and necessary linear algebraic operation on matrices
6	22BAI10029	SPARSH TIWARI		
7	22BAI10032	BHUSHAN KUMAR		
8	22BAI10037	NIKHIL MATHUR		
9	22BAI10039	AMAN KUMAR BHAMBOO	16-10-2023	Approximately representing matrices by decompositions (SVD & PCA)
10	22BAI10040	SWATI SUCHARITA SAMANTARAY		
11	22BAI10042	D. HARISH KUMAAR		
12	22BAI10043	NAMIT RUSTAGI		
13	22BAI10048	PARTH MITTAL	18-10-2023	Statistics: Descriptive Statistics: distributions and probability – Statistical Inference: Populations and samples
14	22BAI10057	RIYA RAULGAONKAR		
15	22BAI10079	YASHASHVI SRIVASTAVA		
16	22BAI10085	SHAURYA THAPLIYAL		
17	22BAI10086	MAHI JINDAL	18-10-2023	Statistical modeling – probability distributions – fitting a model – Hypothesis Testing
18	22BAI10088	ABEL GEORGE IDICULLA		
19	22BAI10114	BHAVYA JAIN		
20	22BAI10119	VANSH KHATTAR		
21	22BAI10137	VAIBHAV PAREKH	18-10-2023	Data preprocessing: Data cleaning – data integration – Data Reduction Data Transformation and Data Discretization
22	22BAI10149	ISHA		
23	22BAI10150	ARYAN VIMAL EJANTKAR		
24	22BAI10154	ADITYA KUMAR		
25	22BAI10162	SHRUTI SINGH	20-10-2023	Data preprocessing: Data cleaning – data integration – Data Reduction Data Transformation and Data Discretization
26	22BAI10176	ADITYA		
27	22BAI10177	ANKIT RAJ		
28	22BAI10183	ANAND MUKHERJEE		
29	22BAI10194	SHIVANSH RATHORE	20-10-2023	Evaluation of classification methods – Confusion matrix, Students T-tests and ROC curves
30	22BAI10213	PARV DAGA		
31	22BAI10222	VANSH SHARMA		
32	22BAI10232	SRIRAJ PILLAI		
33	22BAI10241	SURYANSH PARASHAR	20-10-2023	Exploratory Data Analysis – Basic tools (plots, graphs and summary statistics) of EDA, Philosophy of EDA – The Data Science Process.
34	22BAI10262	SAMRIDH RASTOGI		
35	22BAI10264	RAHUL KUMAR		
36	22BAI10268	YUGAL		
37	22BAI10276	NIKHIL DHANDA	23-10-2023	Basic Machine Learning Algorithms: Association Rule mining – Linear Regression- Logistic Regression
38	22BAI10281	SAHIB BASSI		
39	22BAI10285	DALVI KSHITIJ MAYAJI		
40	22BAI10288	AROMAL S K		
41	22BAI10290	KAVYANSH SHARMA	23-10-2023	Basic Machine Learning Algorithms: Association Rule mining – Linear Regression- Logistic Regression
42	22BAI10292	ADWAITH SHYJU M		
43	22BAI10293	ANSHUL MADAN		
44	22BAI10295	YASH SINGH		
45	22BAI10303	RHYTHM JAIN	23-10-2023	Introduction: What is Data Science? Big Data and Data Science – Datafication – Current landscape of perspectives
46	22BAI10314	SIDDHARTHA SINGH MALAN		
47	22BAI10315	SAMVAB SPANDAN BISOYI		
48	22BAI10317	KSHITIZ SRIVASTAVA		
49	22BAI10322	M.PRANIT KUMAR	25-10-2023	Classifiers – k-Nearest Neighbors (k-NN), k-means -Decision tree – Naive Bayes-
50	22BAI10324	AMAN SONI		
51	22BAI10326	SOUTRIK DANA		
52	22BAI10334	VIJETA SHRIVASTAVA		
53	22BAI10339	DEEP CHATTERJEE	25-10-2023	Ensemble Methods – Random Forest. Feature Generation
54	22BAI10344	RAJEEV RANJAN PRATAP SINGH		
55	22BAI10349	IZAAN AHMAD IBRAHIM SAYED		
56	22BAI10351	PIYUSH KUMAR RATH		
57	22BAI10354	ANANTH.R.NAMBISSAN		

58	22BAI10360	HARSH SHANKAR NAIK	25-10-2023	Feature Selection – Feature Selection algorithms – Filters; Wrappers; Decision Trees; Random Forests
59	22BAI10365	SHRUTI MAURYA		
60	22BAI10368	RAKSHITA KRITI SINGH		
61	22BAI10370	SHAKTHI M	28-10-2023	Clustering: Choosing distance metrics – Different clustering approaches – hierarchical agglomerative clustering
62	22BAI10372	AYUSHMAN SHEKHAWAT		
63	22BAI10377	ROUNAK MANOJ AGRAHARI		
64	22BAI10392	ABHINAV CHAUHAN		
65	22BAI10401	GADI SHARON HEPSIBAH	28-10-2023	k-means (Lloyd's algorithm), – DBSCAN – Relative merits of each method – clustering tendency and quality.
66	22BAI10406	C VIJAYA KRISHNA		
67	22BAI10426	YAMINI MASAND		
68	22BAI10428	DWEEPAYAN KAR		
69	22BAI10430	ARCHIT PANT	28-10-2023	Data Visualization: Basic principles, ideas and tools for data Visualization
70	20BAI10330	PRIYAM ANEJA		
71	20BAI10340	MOHD MOHSIN KHAN		
72	20BAI10343	ABHINAV YADAV		
73	20BAI10348	NITYA BANSAL	28-10-2023	Data Visualization: Basic principles, ideas and tools for data Visualization
74	20BAI10356	KAMAL		
75	20BAI10377	SURAJ YADAV		