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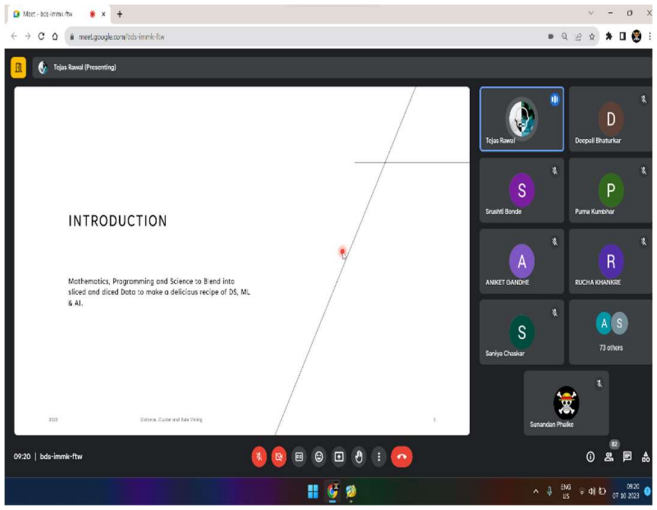
Guest Lecture on **"Machine Learning"**

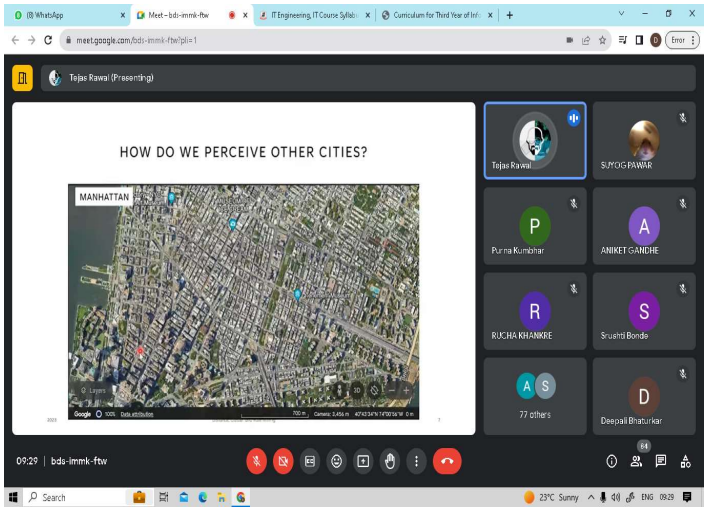
Academic Year: 2023-2024
Name of the Event: Guest Lecture on **"Machine Learning"**
Date & Time of the Event: 07/10/2023 9 am to 1pm
Name of the Speaker: Mr. Tejas Rawal
Designation: Lead Data Scientist
Name of the Company / Institution with Address: Incendo Inc.
Targeted Audience: TE - IT
Coordinator: Prof. Deepali Bhaturkar
Number of Participants: 95
Link of the Event: https://meet.google.com/bds-immk-ftw

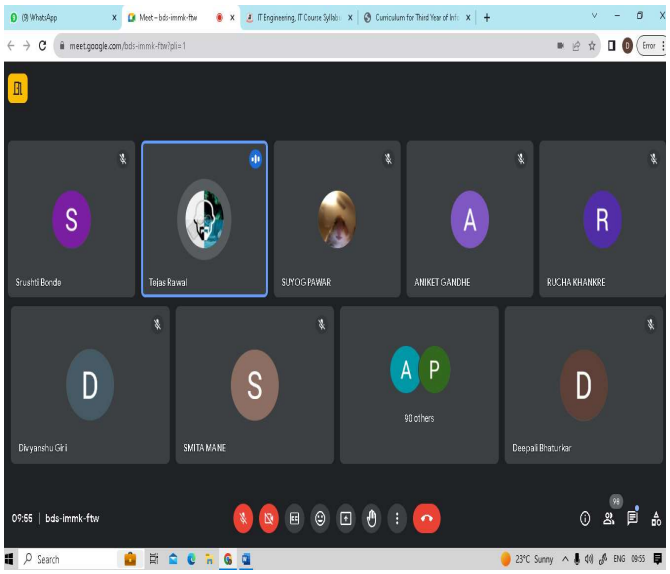
Activity Description in Nutshell:

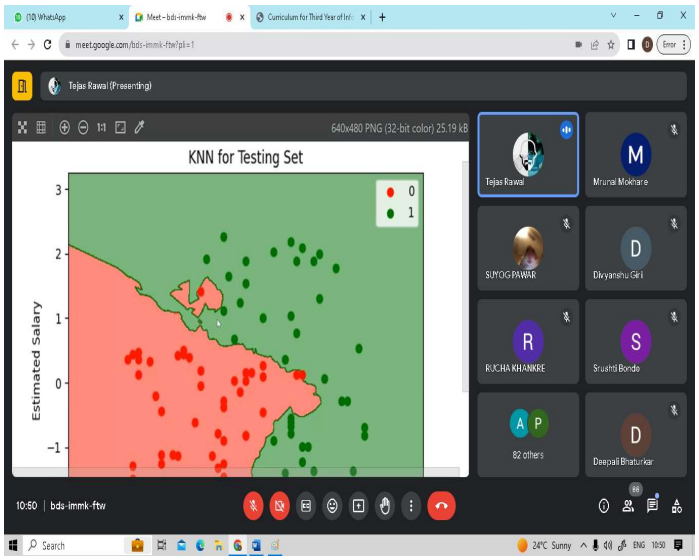
The Speaker Session on Distance-Based Models and Association Rule Mining, hosted by the Department of Information Technology, featured Mr. Tejas Rawal, a distinguished expert in machine learning and data mining. The event took place on October 7, 2023. Mr. Rawal delivered an illuminating presentation on the specified topics, providing valuable insights into these crucial aspects of data analysis. This report encapsulates the key learnings and experiences from the session. He introduced the fundamental concept of distance metrics and their role in quantifying the similarity or dissimilarity between data points along with significance of neighbours and examples in distance-based models, highlighting their role in proximity-based decision-making. Mr. Rawal discussed K-Nearest Neighbours as a versatile algorithm for both classification and regression tasks. He emphasized how K-NN makes predictions by considering the majority class or weighted average of the 'k' nearest neighbours.

The session then transitioned into the domain of clustering as a learning task, with Mr. Rawal exploring key clustering algorithms and their applications. The final segment of the session focused on association rule mining, a technique for discovering meaningful relationships in datasets. The session was followed by an engaging Q&A segment where the audience posed thought-provoking questions to Mr. Rawal. Attendees had the opportunity to seek clarification on various topics, ranging from practical applications to ethical considerations in AI and data mining.


Tejas Rawal (Presenting)
INTRODUCTION
Mathematics, Programming and Science to Blend into sliced and diced Data to make a delicious recipe of DS, ML & AI.
Tejas Rawal
Deepali Bhaturkar
Srushti Bonde
Purna Kumbhar
ANIKET GANDHE
RUCHA KHANKRE
Suriya Chaskar
73 others
Sunandan Phalke
09:20 | bds-immk-ftw


Tejas Rawal (Presenting)
HOW DO WE PERCEIVE OTHER CITIES?
MANHATTAN
Tejas Rawal
SUYOG PAWAR
Purna Kumbhar
ANIKET GANDHE
RUCHA KHANKRE
Srushti Bonde
77 others
Deepali Bhaturkar
09:29 | bds-immk-ftw


Srushti Bonde
Tejas Rawal
SUYOG PAWAR
ANIKET GANDHE
RUCHA KHANKRE
Divyanshu Giri
SMITA MANE
90 others
Deepali Bhaturkar
09:55 | bds-immk-ftw


Tejas Rawal (Presenting)
KNN for Testing Set
Estimated Salary
Tejas Rawal
Mrunal Mokhare
SUYOG PAWAR
Divyanshu Giri
RUCHA KHANKRE
Srushti Bonde
82 others
Deepali Bhaturkar
10:50 | bds-immk-ftw