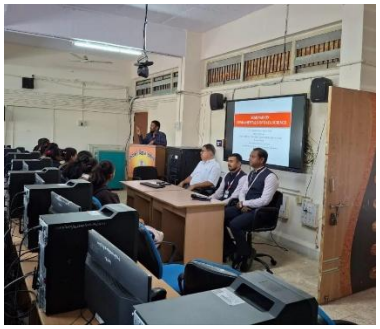
Vidyabharti Trust College of Master in Computer Application (MCA, MBA & IMSc.IT), Umrakh

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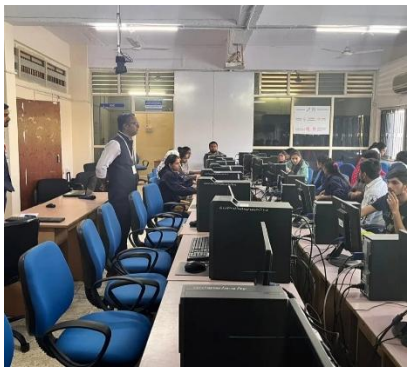
Seminar on "Fundamental of Data Science"

A state-level seminar on "Fundamentals of Data Science" was successfully organized on 8th January 2025 at the BSc. Computer Science Department of Government Science College, Valod. The seminar was attended by a diverse group of participants, including students, faculty members, and professionals from various institutions. The primary objective of the seminar was to provide participants with a solid understanding of the core concepts of data science, focusing on data preprocessing, exploratory analysis, and fundamental algorithms.


The esteemed speakers for the seminar were Dr. Ankit Patel and Prof. Priyank Patel from Vidyabharti Trust College of MCA, Umrakh, Bardoli. Both speakers are renowned experts in the field of data science and shared their extensive knowledge and practical insights with the attendees.

The seminar commenced with an inaugural session, which included a welcome address by the principal of Government Science College, Valod. Following the formal inauguration, Dr. Ankit Patel initiated the first session on data preprocessing. He elaborated on the importance of data cleaning, data transformation, and data normalization. He also demonstrated various techniques to handle missing data and outliers using real-world datasets.





In the subsequent session, Prof. Priyank Patel led an engaging discussion on exploratory data analysis (EDA). Participants gained hands-on experience in analyzing and visualizing data using statistical and graphical techniques. Prof. Priyank Patel emphasized the significance of

EDA in understanding data patterns and deriving meaningful insights before applying machine learning algorithms.

The final segment of the seminar focused on fundamental algorithms in data science. Dr. Ankit Patel provided a comprehensive overview of essential algorithms used for classification, regression, and clustering. The session included practical demonstrations and interactive problem-solving activities, allowing participants to apply their learning effectively.

The seminar concluded with an interactive Q&A session, where participants actively engaged with the speakers to clarify their doubts and gain further insights into the applications of data science. Certificates of participation were distributed to all attendees.





Overall, the state-level seminar on “Fundamentals of Data Science” proved to be a valuable learning experience. The knowledge imparted by Dr. Ankit Patel and Prof. Priyank Patel was well-received by the participants, contributing to their academic and professional growth in the field of data science.