

ROMIT JAIN

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EDUCATION

The University of Texas at Dallas

Master of Science, Business Analytics and Artificial Intelligence, **GPA: 3.67**
Dean's Excellence Scholar

Aug 2024 – Present

Dallas, TX

K. J. Somaiya College of Engineering

Bachelor of Technology, Electronics Engineering, **GPA: 3.58**
Honors Degree, Artificial Intelligence, Computer Vision and Robotics

Sep 2020 – May 2024

Mumbai, India

SKILLS

Programming languages: Python, SQL, NoSQL, R, MATLAB, Java, C, C++

Tools & Software: Tableau, Power BI, Excel, Spark, Hadoop, SAP, SAS, Hive, Google Cloud, Jupyter Notebook

Data Science & Analytics: Statistics, Machine Learning, Data Extraction, Business Intelligence, Data Modeling

PROFESSIONAL EXPERIENCE

AVIK

Business Analyst Intern

Jan 2024 – Jun 2024

Mumbai, India

- Managed the full data analysis life cycle for business development, analyzing 75+ data points weekly to extract actionable operational insights.
- Integrated datasets with SQL, enabling daily updates and improving resource allocation speed by 15%.
- Facilitated 5 strategic discussions with senior leadership, delivering insights on business analytics and industry best practices to support key decisions.

THE ZEAL

Data Analyst Intern

Jun 2023 – Aug 2023

Mumbai, India

- Automated ETL pipelines using Pandas to process 25 client files, improving data handling efficiency by 10%.
- Collaborated with stakeholders to define KPIs, optimizing data management processes and enhancing reporting accuracy to align with business goals.
- Created interactive sales analysis dashboards using Tableau, enabling efficient data-driven decision-making.

PROJECTS

Car Dealership Analytics and Prediction Dashboard

Aug 2024 – Dec 2024

- Designed an interactive car dealership analytics dashboard using Streamlit, analyzing 5,000 data points to predict pricing trends and optimize inventory, improving data-driven decision-making.
- Implemented K-Means and Hierarchical Clustering on a dataset of 1,500 customer records, identifying key customer segments and enhancing targeted marketing strategies.

Personality Classification System

Aug 2023 – May 2024

- Built and integrated a robust system using the Big Five Personality Traits model to classify and analyze over 1,000 user profiles, improving candidate matching accuracy for recruitment.
- Utilized K-Means clustering to process 10,000 records, reducing processing time by 15% and visualizing data across 10 clusters using Matplotlib, achieving 90% classification accuracy.

Obsessive-Compulsive Disorder (OCD) Patient Data Analysis

Jan 2023 – May 2023

- Leveraged SQL for data manipulation and feature engineering on a dataset of 1,500 OCD patients, improving data quality and analytical insights.
- Developed interactive Power BI dashboards to visualize clinical and demographic data, providing actionable insights for OCD treatment decisions.

LEADERSHIP EXPERIENCE

UTD Infinity Lions Club

Oct 2024 – Present

- Coordinated event logistics, overseeing planning, scheduling, and on-site operations to ensure seamless execution.
- Managed outreach initiatives to enhance community engagement and increase event participation.