ROMIT JAIN

Dallas, TX | (P): +1 (214) 899-6007 | rxj240007@utdallas.edu | linkedin.com/in/romit-jain07/

EDUCATION

The University of Texas at Dallas   **Aug 2024 – May 2026**
*Master of Science, Business Analytics and Artificial Intelligence, **GPA: 3.67***   *Dallas, TX*
Coursework: Data Mining, Big Data, Predictive Modeling, Machine Learning, Business Data Warehousing

K. J. Somaiya College of Engineering   **Sep 2020 – May 2024**
*Bachelor of Technology, Electronics Engineering, **GPA: 3.58***   *Mumbai, India*
Coursework: Statistics, Database Management, Object Oriented Programming, Data Structures & Algorithms

SKILLS

Databases: MS-SQL, MySQL, MongoDB, Oracle, PostgreSQL
Programming languages: Python, SQL, NoSQL, R, MATLAB, Java, C, C++
Data Visualization & ETL: Power BI, Tableau, Streamlit, Matplotlib, Seaborn, Hive, Hadoop, Spark, Airflow
Tools & Software: MS Excel, SAP, SAS, RStudio, Google Cloud, Jupyter Notebook, VS Code

PROFESSIONAL EXPERIENCE

AVIK   **Jan 2024 – Jun 2024**
Business Analyst Intern   *Mumbai, India*
- Analyzed customer behavior patterns using SQL and Python, focusing on cart abandonment rates and identifying bottlenecks, which led to a 12% increase in checkout conversions by optimizing the user journey.
- Formulated pricing strategies by leveraging competitor pricing, sales trends, and demand forecasts, using Tableau to visualize key metrics, resulting in a 10% boost in revenue per customer.
- Optimized inventory management using sales trend data analysis to predict demand, reducing overstock by 15% and ensuring stock availability, preventing potential lost sales due to stockouts.

THE ZEAL   **Jun 2023 – Aug 2023**
Data Analyst Intern   *Mumbai, India*
- Automated ETL pipelines using Pandas and SQL to clean, transform, and consolidate real estate data from 25 client files, improving data accuracy and processing efficiency by 10%.
- Collaborated with stakeholders to define KPIs such as sales trends, rental yields, and market valuations, leveraging SQL and Excel to enhance reporting accuracy and support data-driven decision-making.
- Created interactive Power BI dashboards to visualize sales performance, property valuations, and investment trends, empowering decision-makers to drive strategic real estate investments and optimize property portfolios.

PROJECTS

Credit Card Analysis for Risk Assessment | XGBoost, Neural Networks
- Developed a credit risk prediction model using XGBoost and Neural Networks, optimizing hyperparameters through grid search to improve AUC scores by 15%, leading to a 10% reduction in loan defaults.
- Engineered data preprocessing and feature engineering on large-scale financial datasets, including handling missing values, performing one-hot encoding, aggregating time-series features, and normalizing data.

Car Dealership Analytics and Prediction Dashboard | RStudio, Hierarchical Clustering
- 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 Hierarchical Clustering in R on a dataset of 1,500 customer records, identifying key customer segments and enhancing targeted marketing strategies.

Personality Classification System | K-Means clustering, Matplotlib
- Built and integrated a robust system using the Big Five Personality Traits model to classify and analyze over 1,000 user profiles, increasing recruitment matching accuracy by 20%.
- Utilized K-Means clustering to process 10,000 records, reducing processing time by 15% and visualizing data across 10 clusters using Matplotlib, leading to improved insights and more efficient data processing.