

RAHUL MUTAGEKAR

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Education

VTU

Bachelor of Engineering in Computer Science

Dec. 2020 – Jun 2024

Belagavi, Karnataka

Experience

Rubixe

Data Analyst Intern

Aug 2024 – Feb 2025

Bengaluru, Karnataka

- Engaged in proof-of-concept (POC) projects and client assignments, balancing theoretical knowledge with practical applications in the data analytics domain.
- Demonstrated robust proficiency in data analysis, earning appreciation from project teams and clients.
- Analyzed large datasets to derive actionable insights, leveraging tools like Python, SQL, and Excel for data manipulation and visualization.
- Developed dashboards and reports using Power BI/Tableau to present key findings effectively.

Inventeron

Data Science Intern

Jun 2023 – Jul 2023

Bengaluru, Karnataka

- Gained hands-on experience in AI/ML model development, training, and evaluation using TensorFlow, scikit-learn, and Keras.
- Focused on regression analysis using Python to derive meaningful insights from data.
- Applied machine learning algorithms to real-world datasets, improving predictive accuracy.
- Strengthened skills in data preprocessing, feature engineering, and model optimization.

Projects

Customer Segmentation Analysis | Python, SQL, Power BI

October 2024

- Applied unsupervised machine learning techniques to segment customers into distinct groups.
- Developed interactive dashboards to analyze purchase patterns and optimize marketing strategies.
- Delivered a detailed report with actionable insights based on customer behavior analysis.

Medical Records Management System (SQL)

November 2024

- Designed and implemented a relational database system for efficient patient record management.
- Developed SQL queries for data retrieval, updates, and statistical reporting.
- Enhanced data integrity through normalization and optimized performance for faster query execution.

Purchase Pattern Analytics | Python, Jupyter Notebook, MS Excel, SQL, Power BI

January 2025

- Data Cleaning & Preparation** – Collected, cleaned, and preprocessed transaction data to ensure accuracy and consistency for meaningful analysis.
- Exploratory Data Analysis (EDA)** – Identified key purchasing trends, customer spending behaviors, and correlations between product categories, payment methods, and shopping malls.
- Customer Segmentation & Insights** – Applied clustering techniques using K-Means to segment customers based on purchasing frequency, spending patterns, and preferences to enhance targeted marketing strategies.
- Dashboard & Reporting** – Developed interactive Power BI dashboards to visualize sales trends, category-wise performance, and high-value customers, enabling data-driven business decisions.

Power BI Analytics Dashboard | Power BI, Python

January 2025

- Created an interactive Power BI dashboard to visualize key business metrics and trends.
- Connected and transformed large datasets to extract meaningful insights.
- Improved decision-making by presenting real-time data trends and actionable insights.

Technical Skills

Languages: Python, C, Java, SQL (MySQL), NoSQL (MongoDB)

MS Excel : Data analysis, pivot tables, VLOOKUP, reporting, and automation

Machine Learning & Analytics: Supervised & Unsupervised ML, K-Means Clustering, Regression Analysis, TensorFlow, scikit-learn.

Data Analysis Tools: Power BI, Orange, Tableau, Excel.

Data Structures & Algorithms : Proficient in implementing and optimizing algorithms.