

RAHUL MUTAGEKAR

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Education

VTU **Dec. 2020 – Jun 2024**
Bachelor of Engineering in Computer Science *Belagavi, Karnataka*

Experience

Rubixe **AUG 2024 – Feb 2025**
Data Analyst Intern *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 **Jun 2023 – Jul 2023**
Data Science Intern *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.