

# 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.