

# RAHUL MUTAGEKAR

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## Education

<b>VTU</b> <i>Bachelor of Engineering in Computer Science</i>	<b>Dec. 2020 – Jun 2024</b> <i>Belagavi, Karnataka</i>
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## Experience

<b>Rubixe</b> <i>Data Analyst Intern</i>	<b>AUG 2024 – Feb 2025</b> <i>Bengaluru, Karnataka</i>
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- 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.

<b>Inventeron</b> <i>Data Science Intern</i>	<b>Jun 2023 – Jul 2023</b> <i>Bengaluru, Karnataka</i>
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- 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

<b>Customer Segmentation Analysis</b>   <i>Python, SQL, Power BI</i>	<b>October 2024</b>
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- 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.

<b>Medical Records Management System (SQL)</b>	<b>November 2024</b>
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- 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.

<b>Purchase Pattern Analytics</b>   <i>Python, Jupyter Notebook, MS Excel, SQL, Power BI</i>	<b>January 2025</b>
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- **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.

<b>Power BI Analytics Dashboard</b>   <i>Power BI, Python</i>	<b>January 2025</b>
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- 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.