Wafiya Sadiq

wafiyasadiq5@gmail.com| +91 94899 88713
github/wafiya-sadiq | linkedin/wafiya-sadiq

Summary

Aspiring data scientist with proven expertise in data analysis, machine learning, and data visualization. Skilled in leveraging data engineering techniques and decision sciences to deliver scalable and impactful business solutions. Experienced in collaborating with cross-functional teams, building data pipelines, and presenting actionable insights. Passionate about solving complex problems and contributing to transformative projects.

Skills

Programming: Python, R, SQL

Data Analysis & Manipulation: Pandas, NumPy, SQL

Machine Learning: Scikit-learn, Predictive Modeling, Statistical Techniques

Data Engineering: Data Pipelines, Cloud Platforms (AWS/Azure), PySpark

Data Visualization: Tableau, Power BI

Decision Sciences: Statistical Modeling, Probability, Business Analytics

Soft Skills: Communication, Problem-Solving, Team Collaboration

Work Experience

PrepInsta, Bangalore Dec 2023 - Feb 2024 ***Data Analyst Intern***

- Conducted exploratory data analysis (EDA), improving forecasting accuracy by 20%.
- Automated Tableau dashboards, increasing reporting efficiency by 25%.
- Enhanced data reliability by 30% through validation and cleaning processes.
- Delivered actionable insights to stakeholders, aiding strategic decision-making.

Education

Sri Manakula Vinayagar Engineering College, Puducherry Sept 2022 - May 2025

B.Sc. in Data Science and Analytics ***CGPA: 7.88/10***

Relevant Coursework: Applied Probability and Statistics, Machine Learning, Big Data, Algorithms, Linear Algebra, Artificial Intelligence

Project Work

Cryptocurrency Price Explorer

- Designed a tool to track real-time prices of 50+ cryptocurrencies, updating data every 5 seconds through API integrations.
- Analyzed and visualized historical price trends using Matplotlib and Plotly, enabling insights across time frames from 1 day to 1 year.
- Processed over 100,000 data points using Python, Pandas, and NumPy to ensure accurate and actionable insights.
- Increased user engagement by 30% by implementing interactive visualizations and dynamic updates.
- Optimized API response handling, reducing data processing latency by 20%.

Loan Recommendation Engine

- Built a MySQL-based recommendation system to assess loan eligibility for over 10,000 applicants.
- Designed a database schema to optimize storage and retrieval, reducing query execution time by 35%.
- Created advanced SQL queries to analyze credit scores, income levels, and repayment histories for personalized recommendations.
- Achieved a 90% accuracy rate in loan recommendation matching through data-driven insights.