Adesh Gajanan Mahatme

Data Scientist — ML Project Builder — Application Support Specialist
Mumbai, India | +91-9819553244 | mahatmeadesh291@gmail.com | github.com/adi6499 | linkedin.com/in/adeshmahatme

Summary

Data Scientist with a background in accounting and 7+ machine learning projects deployed on GitHub. Skilled in Python, SQL, Power BI, and Excel automation. Known for building modular ML pipelines, visual dashboards, and solving real-world problems with data. Strong communicator with experience in stakeholder support, troubleshooting, and predictive modeling. Ready to contribute to fast-paced teams and data-driven decision-making.

Skills

- **Languages:** Python, SQL, SQL/PL, HTML, CSS, JavaScript
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost, Streamlit
- **ML Techniques:** Regression, Classification, Clustering, PCA, Decision Trees, Random Forest, Deep Learning (ANN, CNN, RNN)
- **Visualization:** Power BI, Tableau, Excel (Pivot Tables, Power Query, VBA)
- **Tools:** Jupyter, GitHub, VS Code, Anaconda, MySQL
- **Soft Skills:** Problem-solving, Communication, Documentation, Stakeholder Collaboration

Certifications

- IBM – Machine Learning with Python (May 2025)
- IBM – Data Analysis with Python (May 2025)
- IBM – Data Science with Python (May 2025)
- IT Vedant – Master in Data Science & Analytics with AI (2025)

Projects

Rock vs Mine Prediction GitHub
- Engineered a binary classifier to detect sonar signals from rocks vs mines using 60 frequency features.
- Achieved 89% accuracy using logistic regression and SVM.
- Deployed using Streamlit for interactive prediction interface.

Loan Approval Prediction GitHub
- Built a model to predict loan approvals using applicant data; improved accuracy by 12%.
- Used decision trees and random forest for automated financial screening.
- Deployed with Streamlit for real-time loan eligibility checks.

Heart Disease Prediction GitHub
- Developed a classifier using clinical data; achieved 86% accuracy.
- Applied logistic regression and KNN for early diagnosis support.
- Streamlit dashboard enabled user-friendly health risk assessment.

Calories Burnt Prediction GitHub
- Built a regression model to estimate calories burned from biometric and activity data.
- Enabled personalized fitness tracking using supervised learning.

Breast Cancer Classification GitHub
- Predicted tumor malignancy using diagnostic features; achieved 94% accuracy.
- Applied SVM and random forest on the Wisconsin dataset.

Big Market Sale Prediction GitHub
- Forecasted retail sales using historical product and store data.
- Applied XGBoost and reduced RMSE by 18%.

Spotify Listening Trends (Ongoing)
- Performed EDA on user listening behavior using Python and visualization libraries.
- Extracted behavioral patterns using Pandas and Matplotlib.
- Streamlit dashboard in progress for interactive music trend exploration.

Experience

Data Analyst Intern, YADGREEN (Remote) May 2025 – Present
- Worked on smart city traffic management using real-world datasets.

- Cleaned and transformed traffic data; designed star schema for analytics.
- Built Power BI dashboards; reduced manual reporting time by 40%.

Account Manager, Vidarbha Vaibhav Mandir Mumbai Oct 2022 – Nov 2024

- Managed payroll, GST/TDS filings, and financial operations using Excel and Power Query.
- Created automated reports and dashboards for monthly financial summaries.
- Collaborated with staff and vendors to resolve operational issues and ensure compliance.

Education

- **M.Com in Accounting**, University of Mumbai 2024
- **B.B.I. in Accounting & Finance**, University of Mumbai 2022
- Relevant Coursework: Financial Modeling, Business Statistics, Data Analysis

Portfolio

Explore my full project portfolio: github.com/adi6499
Highlighted Projects: Rock vs Mine, Loan Prediction, Heart Disease, Big Market Sale, Spotify Trends

Keywords

Python, SQL, Power BI, Machine Learning, Classification, Regression, Feature Engineering, Troubleshooting, Stakeholder Communication, Excel Automation, Data Wrangling, Predictive Modeling, GitHub, Jupyter, Anaconda, Deep Learning, Dashboarding, Data Visualization, Support Engineering, Streamlit, HTML, CSS, JavaScript

Note to Recruiters
If you decide not to proceed with my application, I would sincerely value any fee
It will help me grow and align better with future opportunities.