

VARUN B

India • Open to Global Remote Roles
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SUMMARY

Data Scientist with hands-on experience building and deploying end-to-end machine learning solutions using Python and modern ML frameworks. Skilled in data analysis, feature engineering, model evaluation, and applied ML across real-world projects and competitions. Experienced with deploying interactive ML applications and seeking remote data science or machine learning roles.

TECHNICAL SKILLS

Programming & Data: Python, SQL, Pandas, NumPy

Machine Learning: Regression, Classification, Tree-Based Models, Random Forest, Gradient Boosting, XGBoost, Model Evaluation

Deep Learning & AI: CNNs, Transfer Learning, NLP (TF-IDF, Embeddings), Transformers (BERT/GPT – concepts), Computer Vision (YOLO)

Explainability & Analysis: EDA, SHAP, Feature Importance, Statistical Analysis

Deployment & Tools: Streamlit, Google cloud(basic), Docker (basic), Kaggle (Cloud GPU), MySQL

PROJECTS

● DataPilot AI — AutoML Web Application

Built an end-to-end AutoML system allowing users to upload datasets, train multiple models, compare performance, and interpret predictions using SHAP. Deployed as an interactive Streamlit web app.

Live: <https://varun-datapilot-ai.streamlit.app/>

Github: <https://github.com/varun539/datapilot-ai>

● Walmart Sales Forecasting & Analytics

Performed EDA and feature engineering on retail sales data and built forecasting models to analyze trends and support business decision-making.

Live: <https://walmart-sales-prediction-varun.streamlit.app/>

Github: <https://github.com/varun539/Walmart-sales-prediction>

● Traffic Analysis & Object Detection (ML Competition)

Applied YOLO-based object detection on traffic videos, extracted vehicle-level features, and analyzed real-world video data in a competitive setting.

CERTIFICATIONS

• GenAI Powered Data Analytics Job Simulation -Tata Group (Forage)

• Quantitative Research Job Simulation - JPMORGAN(Forage)

ADDITIONAL

• Experience working on ML competitions and applied projects

• Comfortable with remote collaboration and asynchronous communication

• Open to long-term global remote opportunities while continuing studies