

ADITYA RAO

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SUMMARY

Machine Learning enthusiast with experience in NLP and predictive modeling. Comfortable working with Python-based ML libraries and experimenting with model tuning techniques. Seeking opportunities in AI-driven product development.

SKILLS

Programming: Python
ML Libraries: Scikit-learn, XGBoost
Deep Learning: TensorFlow
NLP: NLTK, spaCy
Data Handling: Pandas, NumPy
Deployment: Flask
Tools: Git, Jupyter Notebook

PROJECTS

Sentiment Analysis System

- Developed text classification pipeline using NLTK and Scikit-learn.
- Implemented TF-IDF vectorization and logistic regression models.
- Achieved 80% accuracy on validation dataset.

Sales Forecasting Model

- Built regression models using XGBoost.
- Performed data preprocessing using Pandas and NumPy.
- Exposed predictions via a Flask REST API.