

# 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.