Priya Raghavan

Data Scientist

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PROFILE

Data scientist with 5 years of experience building forecasting and recommendation models for retail and logistics. Deployed a demand model that cut stockouts by 22% and led a team of three analysts. Strong in Python, SQL, machine learning and experiment design, with a habit of explaining results simply.

EXPERIENCE

Apr 2022 – Present

Senior Data Scientist, Northwind Logistics
Chennai, India

- Built a gradient boosting demand forecast across 1,800 SKUs, reducing stockouts by 22%.
- Deployed models as APIs on AWS with monitoring for drift, serving 50,000 predictions a day.
- Designed 14 A/B tests for pricing and routing changes with clear success metrics.
- Led three analysts and presented quarterly findings to the leadership team.

Aug 2019 – Mar 2022

Data Scientist, Kestrel Analytics
Bengaluru, India

- Created a product recommendation model that raised click-through rate by 11%.
- Cleaned and engineered features from 200 million event rows using Spark and SQL.
- Wrote reusable Python packages that cut model setup time from days to hours.

PROJECTS

Delivery time prediction, Python, XGBoost, MLflow
github.com/priyaraghavan-example/eta

- Reduced mean absolute error of delivery estimates from 14 minutes to 9 minutes.

SKILLS

Python | SQL | scikit-learn | XGBoost | TensorFlow | Spark | Feature engineering | Experiment design | MLflow | AWS | Statistics | Communication

EDUCATION

2017 – 2019

M.Tech, Data Science, IIT Madras
Chennai, India | 8.9 CGPA

2013 – 2017

B.E., Computer Science, Anna University
Chennai, India | 8.4 CGPA

CERTIFICATIONS

AWS Certified Machine Learning Specialty, Amazon Web Services May 2023