PRIYA NAIR

Lead Data Scientist
Manchester UK - priya.nair@example.com - 07700 900382

SUMMARY

Data scientist with approx 9 years industry experience in retail, payments and financial services. Currently leading a DS team at Meridian Payments. Strong Python/SQL, ML, forecasting, experimentation and stakeholder experience.

EMPLOYMENT

MERIDIAN PAYMENTS / Lead Data Scientist / 2022 - current

Lead DS, Risk & Intelligence team. Team of 6: 4 data scientists and 2 ML engineers.

* Fraud detection models for card-not-present transactions. Rebuilt existing model with LightGBM and behavioural features. Recall increased 21% at equivalent false-positive rate.
* Est. reduction in fraud losses of £3.2m annually.
* Model monitoring framework for feature drift, prediction drift, and model performance; moved models from batch scoring to near real-time inference with engineering.
* Hiring/interviewing DS candidates. Mentoring 3 junior/mid-level data scientists. Present regularly to Head of Risk, CTO and commercial teams.
* Also merchant segmentation and transaction anomaly detection. Python / SQL / AWS / Snowflake / dbt / Airflow / MLflow.

SHOPCART UK Senior Data Scientist (2019-2022)

Retail / ecommerce company; demand forecasting, pricing, customer analytics.

* Built SKU/store demand forecasting system using gradient boosting and time-series models. Improved forecast accuracy by c.14% vs previous system; used by replenishment across 300+ stores.
* Designed A/B tests for website and mobile teams. Recommendation model proof-of-concept. Customer lifetime value model used by CRM/marketing.
* Promoted from Data Scientist to Senior DS in 2020.

FINVISTA BANK - Data Analyst / Data Scientist, 2016 to 2019

Joined graduate analytics programme. SQL analysis, dashboards and customer segmentation. Moved into data science team in 2017. Built propensity models for savings and credit products. Automated monthly customer reporting which had involved substantial Excel/manual work.

EDUCATION

MSc Statistics and Data Science, University of Edinburgh, 2015-2016 (Distinction). BSc Mathematics, University of Leeds, 2012-2015 (First Class).

TECH

Python - advanced / SQL - advanced / pandas / scikit-learn / LightGBM / XGBoost / PyTorch - intermediate / AWS / Snowflake / Databricks / dbt / Airflow / MLflow / Git / Docker / Tableau. Some R though have not used professionally for several years.

OTHER

Speaker - Data Science North West Meetup, 2024. Women in Data mentor. AWS Certified Machine Learning - Specialty (2023). Languages: English, Malayalam (conversational).