

Akash K

akashktesla@gmail.com | +91-XXXXXXXXXX | github.com/akashktesl |

Summary

Data scientist with 3+ years of experience in machine learning, model evaluation, and data products. Comfortable owning E2E pipelines and collaborating cross-functionally to ship measurable impact.

Skills

Languages: Python, SQL, Bash

ML: scikit-learn, XGBoost, PyTorch

Data: Pandas, Spark, Airflow

Cloud/DevOps: AWS, Sagemaker, bedrock, GCP, Docker, Git

Other: Statistics, Experimentation (A/B), Visualization

Experience

Innova Solutions

Hyderabad, IN

Data Scientist

Sep 2023 – Present

- Owned churn-prediction pipeline (XGBoost), improving recall @ 5% FPR by 18% and reducing monthly churn by 3.2%.
- Designed offline/online evaluation with stratified cross-validation and live A/B; cut model deployment cycle from 4 to 2 weeks.
- Partnered with Product to define success metrics; delivered dashboards used by CX leadership (Looker + dbt).

Projects

Demand Forecasting Toolkit

Open-source Maintainer

2024

- Created a modular time-series pipeline (Prophet / LightGBM) with backtesting harness; 1.7k GitHub stars.
- Achieved MAPE improvements of 1220% across 3 public datasets via feature lags and cross-validation.

Education

Amrita University, B.Tech in Computer and Communication Engineering

2019 – 2023

Relevant Coursework: Probability & Statistics, ML, Data Mining, DBMS

Achievements

References available upon request.

Last updated: September 4, 2025