

AKSHAY MANIYAMPARA

DATA SCIENTIST & ML ANALYST



PROFILE

Data Scientist and ML Engineer with hands-on experience in building end-to-end machine learning pipelines — from data ingestion and preprocessing to model training, evaluation, and deployment. Skilled in Python, SQL, Scikit-learn, and data visualization tools. Passionate about turning raw data into insights, competing on Kaggle, and deploying real-world predictive solutions.



EDUCATION

Currently pursuing Bachelor 's in Data Science

Sies College of Arts, Science and Commerce | University Of Mumbai

Certifications

Google Business Intelligence



MY PROJECTS

Uber Trip Analysis

- Built a time-series forecasting pipeline to predict hourly Uber ride demand using XGBoost, Random Forest, and GBRT.
- Engineered temporal and lag-based features; optimized models with GridSearchCV and TimeSeriesSplit.
- Achieved 9.52% MAPE and 0.966 R^2 using a weighted ensemble, deployed via Flask API for real-time predictions.

Portfolio Website - Data Scientist & ML Engineer

- Tech Stack** : React, Tailwind CSS, Framer Motion, Vercel
- Built a responsive and animated portfolio website to showcase ML projects, skills, and resume. Includes a dynamic intro screen, particle background, social/contact links, and auto-deployment via GitHub and Vercel.

SKILLS

- Languages** : Python , R, SQL, noSQL
- Frameworks/Libraries** :
NumPy,Pandas,Matplotlib,Seaborn,Scikit-learn,PyTorch
- Tools** :PowerBI,Tableau,Excel,Mysql,Oracle RDBMS, MongoDB
- Big Data Tools** : Apache Kafka, Spark, Cassandra, BigQuery
- Machine Learning** : PyTorch, TensorFlow, LLP, NLP
- Platforms** : VS Code, Jupyter Notebook

CONTACT

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🌐 <https://akshay-analytics.vercel.app/>