

Tejas Saini

Data Scientist · AI/ML Engineer · Freelancer

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SUMMARY

Data scientist and machine learning engineer who builds things to understand them. I take problems from real-world data to deployed ML products — scraping and cleaning data, feature engineering, model selection and tuning, and serving models behind APIs and browser front-ends. Available for freelance and contract work.

SKILLS & TOOLS

Programming

Python · SQL · JavaScript

Databases

MySQL

Libraries

NumPy · Pandas · Matplotlib · Seaborn · SQLAlchemy

Machine Learning

Scikit-learn · XGBoost · OpenCV · MediaPipe · Feature Engineering · Hyperparameter Tuning

Tools & Deployment

FastAPI · Jupyter Notebook · VS Code · Git · GitHub

Core Skills

Data Cleaning · EDA · Data Visualization · Dashboard Development

FEATURED PROJECTS

AutoValue — Indian Car Resale Price Predictor

PYTHON · PANDAS · SCIKIT-LEARN · FASTAPI

Regression pipeline that predicts fair used-car resale prices. Tuned Gradient Boosting model (R^2 0.32 · MAE ₹298,757.94 · RMSE ₹364,899.35) served through a FastAPI API with a live browser demo.

RentDilli — Delhi Rental Price Estimator

PYTHON · PANDAS · SCIKIT-LEARN · XGBOOST · FASTAPI · JAVASCRIPT

ML-powered web app estimating monthly rent for Delhi properties. Scraped dataset, feature engineering, and a tuned XGBoost model (R^2 0.74 · MAE ₹7,755.43 · RMSE ₹20,827.55) behind a FastAPI backend and JavaScript frontend.

Olist E-Commerce Data Analysis using SQL & Python

PYTHON · SQL · MYSQL · PANDAS · NUMPY · MATPLOTLIB · SEABORN

- Designed a MySQL database and imported 100k+ e-commerce records using SQLAlchemy.
- Analysed business questions with joins, aggregations, subqueries, and CASE statements.
- Conducted EDA and built a business dashboard covering revenue, customers, sellers, reviews, and deliveries.
- Published a documented GitHub project with SQL scripts, notebooks, and visualizations.

Currently Building

ML + AI PROJECTS · LLMS / GENAI

Applying the learn — build — test — document — repeat cycle to new ML and LLM product ideas.

METHOD

Learn

Build

Test

Document

Repeat

REFERENCES

Available on request.