

Avinash Kailas Lokhande

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Professional Summary

A detail-oriented and motivated Data Science graduate with a strong foundation in machine learning, predictive modeling, and data analysis. Proficient in Python, and SQL, with hands-on experience in building and deploying end-to-end machine learning projects. Eager to apply expertise in model development and data analysis to solve complex problems and contribute to a forward-thinking data science team.

Education

B.Tech — Artificial Intelligence & Data Science Aug 2025

TPCT's College of Engineering, Osmanabad (Dharashiv) CGPA: 7.13

Diploma — Computer Engineering Jul 2022

Government Polytechnic, Jalna 71.89%

Experience

Data Science Intern — Seven Mentor Pvt. Ltd., Pune Apr 2025 – Sep 2025

- Built ML models using Logistic Regression, Random Forest & XGBoost.
- Performed data cleaning, feature engineering & EDA on multiple datasets.
- Created visual reports using Matplotlib, Seaborn & Excel.
- Developed ML pipelines and supported deployment using Flask & Git.

Projects

College Placement Prediction System

- Built a Logistic Regression model and full ML pipeline (preprocessing + evaluation).
- Deployed a Flask app for real-time predictions and reporting.

Student Exam Performance Indicator

- Predicted student exam scores; performed preprocessing and feature engineering.
- Compared Linear Regression, Random Forest and XGBoost; selected best model by metrics.
- Built a lightweight inference interface and visualized feature effects.

Heart Attack Risk Predictor (AutoML with EvalML)

- Built AutoML pipeline (EvalML) for cardiac risk prediction; automated feature engineering and model selection.
- Interpreted feature importance and reported evaluation metrics (AUC, F1).

Analysis of Ride Booking Dataset

- Performed EDA to identify demand peaks, route patterns and pricing impacts.
- Cleaned and transformed raw ride data for reporting and visualization.

Technical Skills

Languages: Python, SQL, DAX

ML & Deep Learning: Scikit-learn, TensorFlow, NLP

Analysis: Pandas, NumPy, Excel,

Visualization: Matplotlib, Seaborn, Power BI

Databases: MySQL

Tools: Jupyter Notebook, VS Code, Git, GitHub, MySQL

Techniques: Data Cleaning Wrangling, Feature Engineering, EDA, Model Evaluation, Classification, Regression, Clustering.

Certifications

- Google IT Support — Coursera
- Data Analysis — Microsoft & LinkedIn Learning
- Anaconda Python for Data Science — LinkedIn
- R and Python Certification — LeadSoft IT Solutions

Languages

English (Professional) — Hindi (Fluent) — Marathi (Native)