

PRIYANSHU RATHOD

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Career Objective

Python developer and data enthusiast skilled in data cleaning, analysis, visualization, and ML model building. Passionate about solving real-world problems using Python, SQL, and machine learning. Seeking opportunities in Python development, data analysis, or entry-level ML engineering.

Education

Indus University, Ahmedabad

2022 – 2026

B.Tech in Computer Science and Technology | **CGPA: 9.36**

Technical Skills

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL

Machine Learning: Scikit-Learn, Regression Models, Classification, EDA

Data Skills: Data Cleaning, Feature Engineering, Data Visualization

Python Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn(basics)

Tools: Jupyter Notebook, Colab, Git, GitHub

Databases: MySQL, MongoDB

Internships

QSpiders Training Institute

Oct 2025 – present — Ahmedabad

Python Developer & Data Analyst Intern

- Trained in core Python, advanced Python libraries, SQL, and data analysis techniques.
- Performed data cleaning, preprocessing, and visualization for real-world datasets.
- Built small ML models using Scikit-Learn including regression, clustering, and classification.

Projects

House Price Prediction Model | *Python, Scikit-Learn, Pandas*

- Conducted EDA, cleaned raw housing data, and engineered new features.
- Trained Linear Regression, Random Forest, and Gradient Boosting models.
- Achieved improved accuracy by tuning hyperparameters and removing outliers.

Movie Recommendation System | *Python, Pandas, scikit-learn, NLTK*

- Implemented a content-based movie recommendation system by merging and preprocessing movie metadata and credits data.
- Developed text vectorization using CountVectorizer and calculated cosine similarity for movie comparison.
- Created a recommendation engine capable of suggesting similar movies based on textual features (overview, genres, keywords, cast, crew).

Student Performance Prediction | *Python, Scikit-Learn*

- Analyzed student demographics, study hours, and exam scores.
- Built ML classification models to predict student performance categories.

Achievements

- Completed 8+ Python, ML, and data projects.
- Strong academic performance with 9.19 CGPA.
- Recognized for analytical problem-solving in training projects.

Hobbies & Interests

Exploring datasets, building ML models, data visualization, and learning analytics tools.

Languages Known

English | Hindi | Gujarati