

PRATIK CHAVAN

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OBJECTIVE

Aspiring AI and Data Science professional with strong skills in Python, C++, and Data Analytics. Seeking opportunities to apply technical knowledge and contribute to impactful data-driven solutions while continuing to grow.

SKILLS

Programming Languages: C, C++, Python

Databases: SQL

Data Analysis Tools: Power BI, Excel

Core CS Skills: Data Structures, Algorithms, OOP

Data Visualization: Matplotlib, Seaborn

Libraries: NumPy, Pandas, Scikit-Learn, TensorFlow

Soft Skills: Adaptability, Problem-Solving, Active Listening

PROJECTS

Car Price Prediction | Python, Pandas, Scikit-learn, Matplotlib

- Analyzed key factors affecting car prices using exploratory data analysis (EDA).
- Preprocessed data using encoding, scaling, and feature selection techniques.
- Trained machine learning models and evaluated them using R^2 score and MAE.

Movie Recommendation System | Python, Pandas, Scikit-learn

- Built a content-based movie recommendation system using TF-IDF vectorization and cosine similarity.
- Recommended top 5 similar movies based on user-selected input by analyzing genres and overview text.
- Processed and cleaned large datasets to ensure accurate and fast recommendations.

TRAININGS

AI-Data Science Trainee

Nov 2025-(Present)

AU-Ignite

Jaipur, Rajasthan, India

- Hands-on training in Python, Data Analysis, and Exploratory Data Analysis (EDA).
- Experience with Pandas, NumPy, Matplotlib, Seaborn, and Scikit-learn.
- Working knowledge of machine learning algorithms including regression, classification, and clustering.
- Exposure to feature engineering, model evaluation, and real-world datasets.

Artificial Intelligence and Machine Learning Intern

July 2024 – Sept 2024

Upflairs - (College Recruitment Training)

Jaipur, Rajasthan, India

- Trained and evaluated supervised ML models on real-world datasets for classification and regression.
- Performed data cleaning, feature engineering, and model evaluation using accuracy and confusion matrix.
- Visualized and compared model performance across algorithms (e.g., Decision Tree vs. Random Forest).
- Developed reusable scripts for data preprocessing and model evaluation to improve workflow efficiency.

Summer Internship Program in Robotics

Aug 2023

Learn and Build

Jaipur, Rajasthan, India

- Designed a self-balancing robotic vehicle capable of maintaining stability using sensors and control algorithms.
- Built an autonomous Line Follower Bot using IR sensors and motor control.
- Gained hands-on experience with embedded systems, microcontrollers, and real-time debugging.

EDUCATION

Bachlore of Technology - Artificial Intelligence and Data Science

2022 - 2026 (Expected)

Rajasthan Technical University, Kota.

CERTIFICATIONS

- **C & C++** Certification – IIT Bombay Spoken Tutorial
- **Python** Certification – IIT Bombay Spoken Tutorial
- Complete **Data Science, ML, DL, and NLP** Course by Krish Naik – Udemy