

HARSH AGARWAL

Strong foundation in data science and machine learning with expertise in building end-to-end solutions using Python and ML algorithms.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Arya College of Engineering and IT, Jaipur 2022 – 2026
CGPS - 8.31

Senior Secondary (Class XII), CBSE

MPS International School, Jaipur 2021 – 2022
Major: Physics, Chemistry, Mathematics
Percentage - 82%

PROJECTS

Rent Wise — ML Model for Accurate Rental Price Estimation

<https://rentwise-1.onrender.com>

- Developed an end-to-end rental price prediction system using machine learning with **data scraped** from MagicBricks.com.
- Trained and fine-tuned an **XGBoost regression** model.
- Built a **responsive web interface** that allows users to input property details and receive real-time rental estimates, enhancing usability and accessibility.

Customer Segmentation — Clustering for Smarter Marketing

<https://github.com/harshaga819/Customer-Segmentation>

- Implemented an unsupervised machine learning model (**K-Means Clustering**) to segment e-commerce customers based on purchasing behavior and spending patterns.
- Conducted exploratory data analysis (**EDA**), feature scaling, and clustering to derive actionable insights for targeted marketing strategies.

Road Accident Analysis — Data-Driven Insights for Traffic Safety

<https://github.com/harshaga819/accidentDataAnalysis->

- **Analyzed accident data** to identify key factors influencing crash severity and frequency under various weather, lighting, and road conditions.
- **Optimized performance and clarity** through data cleaning, feature selection, structured visualizations, and implementation of basic ML models.

DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge

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Github: github.com/harshaga819

Portfolio: harshhub.netlify.app/

LinkedIn: linkedin.com/harshaga819

TECHNICAL SKILLS

Tools & Libraries: Numpy, Pandas, Matplotlib, Seaborn, Sklearn

Language: Python, C++

Database: MYSQL

Version Control: Git, Github

CERTIFICATIONS

Data Base Management System (NPTEL)

Problem Solving (Hacker-Rank)

Programming Essentials in C (Cisco)

Basic C++ Programming (Spoken Tutorial)

TECHNICAL ACTIVITIES

- Solved 100+ coding problems on LeetCode
- 5 star in c++ at HackerRank
- Led a team in Hack The League

INTERESTS

- Reading News
- Listening to music

Harsh Agarwal