

Teshav Sharma

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TECHNICAL SKILLS

Programming Languages: Python, SQL, MySQL, HTML, Basic CSS, Machine Learning.

Libraries and Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Flask, Streamlit.

Tools: Power BI, GitHub.

Concepts: Data Science, Data Analytics, Data Visualization, DBMS, Object-Oriented Programming.

WORK EXPERIENCE

Response Infoway

May 2023 - July 2023

Application Developer Internship

Jaipur, India

- Engineered an object detection system using OpenCV in Python, streamlining a routine visual analysis task and reducing detection time by 15% based on business requirements.
- Collaborated with cross-functional teams to enhance the functionality of **detecting objects from various sources** and applied code management principles using Git.
- Maintained code quality through peer reviews and resolved Python-related queries by leveraging **SQL** to extract and process structured **data extraction and integrity**, improving usability by 30%.

Code Clause

June 2023 - July 2023

Data Science Internship

Remote

- Leveraged Python and machine learning for **data cleaning, and exploratory data analysis(EDA)** improve prediction quality by 20% using **Python and scikit-learn**.
- Conducted a comprehensive customer segmentation analysis using unsupervised clustering techniques, **gathered data on over 1 million mall visitors** and implemented standard reporting to communicate insights.
- Applied **statistical analysis, predictive modeling, and business analysis techniques** in segmentation and effectively communicate analysis results and insights to the team to support strategic decision-making.

PROJECTS

Flipkart Product Pricing Strategy | [GitHub](#) | [Kaggle](#)

April 2025 - April 2025

- Built a regression model using **Random Forest** to predict optimal product prices, achieving **R² score of 0.61 and RMSE of Rs. 26,402 on flipkart's e-commerce dataset with over 5,000 products**.
- Applied **Structured Thinking** and end-to-end **ML pipeline including data cleaning, encoding, modeling, and performance evaluation** which led to a 15% boost in model consistency and more reliable pricing decisions.
- Identified Sub-Category and Main Category as key pricing drivers through **EDA and feature importance analysis**.

Store Management System | [GitHub](#)

February 2024 - May 2024

- Designed a store management system using Python and MySQL to handle inventory, billing, and customer management, **reducing manual effort by 40%**.
- Enhanced performance by optimizing database queries, reducing query response time by 40%, and integrated data visualization for sales insights, leading to a 25%.

Customer Segmentation System | [GitHub](#)

June 2023 - July 2023

- Developed a customer segmentation system **using k-means clustering to analyze customer behavior** patterns and streamlined data models and cleaning processes to boost data accuracy by 15%.
- Enhanced the clustering algorithm by optimizing feature selection and scaling techniques to **handle data for accurate analysis, reporting**, and increase in model efficiency by 25%.

CERTIFICATIONS

- Becoming a Data Analyst Using Python, from scratch By Udemy. [Link](#)
- MySQL as a Datastore By Infosys Springboard. [Link](#)
- Python (Basic) By HackerRank. [Link](#)
- SQL(Intermediate) By HackerRank. [Link](#)
- Crash Course on Python By Coursera. [Link](#)

EDUCATION

Poornima University

July 2021 - May 2024

Bachelor of Computer Application (CGPA: 7.36 / 10.00)

Jaipur, Rajasthan