

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, Django, 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, reducing detection time by 15% and improving user experience 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 and Python - based ETL processes for data extraction, transformation, and analysis**, 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)**, improved data processing pipeline, increasing model efficiency by 25%.
- Conducted a comprehensive customer segmentation analysis using unsupervised clustering techniques, **gathered data on over 1 million mall visitors** and integrated **Power BI dashboards** for market 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

Job Market & Salary Trends Analysis Dashboard | [GitHub](#)

May 2025 - June 2025

- Designed an end-to-end data analysis solution using **Power BI** to visualize job and salary trends analysis across roles, skills, and locations from **14,200+ job postings**.
- Built custom **DAX measures and visuals** to show salary trends by job title, experience level, work setting, and company size.

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

April 2025

- Developed a regression model using Random Forest to predict optimal product prices, achieving an **R² score of 0.61 and an 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.

Customer Segmentation System | [GitHub](#)

June 2023 - July 2023

- Implemented 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 performance 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