Shubhi Gupta

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Work Experience

Python Development Intern   **Oct 2024 – Dec 2024**

Infosys Springboard
- Developed a Python-based web scraper to automate extraction of product deals from the Deals Heaven website using BeautifulSoup and requests.
- Built a Streamlit-based browser interface for viewing scraped deals by store (Amazon, Flipkart, etc.) in real time.
- Parsed dynamic HTML content to extract structured data like product name, price, discount, and store name.
- **Impact:** Provided a clean, structured dataset for further analysis, enabling quick insights into store-wise deals and pricing trends.

Education

B.tech- Computer Science and Engineering(CSE) with specialization in Data Science   **CGPA: 8.26**

Pranveer Singh Institute of Technology [PSIT], Kanpur   **Nov 2021 – July 2025**

Projects

Smart Vision Technology for Quality Control

- Implemented modules to count the number of items in an image and detect brand information from product packaging.
- Built functionality to extract manufacturing and expiry dates using OCR techniques for automated validation.
- Developed a freshness detection model for fruits, classifying them based on visual quality attributes.
- Integrated all modules into a single interface, enabling real-time analysis and quality assessment.

Credit Card Fraud Detection System

- Performed data preprocessing and feature engineering on highly imbalanced transaction datasets to improve model accuracy.
- Cleaned and transformed large-scale transaction datasets, handling missing values and outliers to ensure data quality.
- Evaluated the model using precision, recall, and F1-score to ensure reliability in real-world scenarios.

Sales Dashboard & Data Visualization Project

- Designed and developed an interactive dashboard to monitor and analyze online sales performance using Power BI, incorporating filters, slicers, and user-driven parameters for dynamic insights.
- Visualized key metrics with custom charts including bar, pie, donut, clustered bar, and maps to support data-driven decision-making.
- Created relationships between multiple tables and applied custom calculations to enable deep-dive analysis through drill-downs, enhancing data exploration and trend identification.

Skills

- Programming Languages: Python, SQL, OOPs Concepts
- Visualization & Reporting: Excel, Power BI
- Database Management**:** DBMS
- Data Analysis & Manipulation: Data Cleaning, Data Preprocessing, EDA, Feature Engineering
- Tools & IDEs: Git, GitHub, VS Code, Jupyter Notebook,

Certificates

- Coursera - SQL for Data Science
- Coursera - Tools for Data Science
- AWS - Cloud Practitioner Essentials
- HackerRank – Python (Basic)
- HackerRank - Problem Solving (Basic)
- NPTEL - Soft Skill Development
- NPTEL - Problem Solving through Programming in C

Achievements

TechExpo (College Event): Participated in a competitive tech event where my team won a cash prize for innovation and project presentation.