Samarpit

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Aspiring Data Scientist with a strong foundation in Python, SQL, and data visualization tools like Power BI and Tableau. Skilled in data preprocessing, machine learning, and statistical analysis. Experienced in building projects focused on recommendation systems, churn prediction, and HR analytics. Possess a business-focused mindset with the ability to translate complex data into actionable insights. Eager to apply analytical thinking and coding skills to solve real-world problems.

EDUCATION

Bachelor of Computer Applications (7.8 GPA) *Sept 2022 – May 2025*
Institute of Management Education, Ghaziabad

12th Commerce (*8.8 GPA*) *April 2019 – May 2021*
Central Board of Secondary Education, Delhi

EXPERIENCE

Cipher Byte Technologies *Aug 2024 – Sept 2024*
Python Developer Intern
- Built two Python automation projects: File Renamer and Mail Sender.
- Used pandas for CSV handling and matplotlib for basic plotting.
- Contributed to scripting logic and GUI development in Tkinter.

PROJECTS

Customer Churn Analysis Prediction
- Analysed Telco Customer Churn dataset using Python to predict customer churn with up to 85% accuracy.
- Performed data cleaning, feature engineering, and EDA to identify churn patterns.
- Built and optimized ML models (Logistic Regression, Random Forest, XGBoost) with GridSearchCV.
- Derived actionable insights to support business retention strategies.

Zomato Data Analysis
- Analysed Zomato restaurant dataset using Python to extract key business insights in the food industry.
- Explored trends in online vs offline delivery, popular restaurant types, and preferred pricing for couples.
- Performed data cleaning, visualization, and statistical analysis using Pandas, Matplotlib, and Seaborn.
- Delivered data-driven insights to support strategic decisions in customer targeting and service offerings.

Recommendation System
- Developed a Recommendation System in Python using content-based and collaborative filtering techniques.
- Implemented personalized suggestions based on user preferences to enhance user engagement.
- Demonstrated use cases aligned with real-world platforms like Netflix and Amazon to simulate recommendation workflows.

SKILLS

Programming: Python, C, C++
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Selenium, Scikit-learn, XGBoost(beginner), TensorFlow (beginner)
Tools: Jupyter Notebook, Power BI, Excel, VS Code
Database: MySQL
Soft Skills: Critical Thinking, Communication, Stakeholder Collaboration, Self-driven

CERTIFICATIONS
- Python Bootcamp - Udemy
- Data Science Training - Internshala
- Data Analysis Training - ICT Academy
- Data Analytics and Visualization Job Simulation - Accenture
- Excel skills Job Simulation - JP Morgan Chase & Co.
- Data Analytics Job Simulation – Deloitte
- Data Visualisation: Empowering Business with Effective Insights – Tata
- GenAI Powered Data Analytics Job Simulation – Tata