Rahul Sharma

rahul0858sharma@gmail.com | +91-9571614804 | https://github.com/Rahul0858 |

Professional Summary

Proficient in Python and C++, with a strong focus on data analysis and hands-on expertise in ETL processes and creating interactive dashboards. Experienced in cleaning, transforming, and analyzing datasets to extract meaningful insights and support decision-making. Skilled in tools and libraries like Pandas, NumPy, Power BI, and SQL for efficient data handling and visualization. Currently exploring Large Language Models (LLMs) with an interest in understanding their architecture and potential applications. Committed to continuous learning and delivering practical, data-driven solutions in dynamic, collaborative environments.

Education

V.I.T. Bhopal University, BTech in Computer Science and Engineering (CSE) Sept 2022 – May 2026

- CGPA: 8.11

Navjeevan Science School, Sikar June 2019 - July 2020

- Grade: 88.00%

Technical Skills

Programming Languages: C++, Python, SQL
Data analysis libraries: Matplotlib, Seaborn, Numpy, Pandas
Databases: MySQL, Postgresql
Tools & Platforms: SQL Server Management Studio (SSMS), Power Bi, Excel, GitHub, VS Code
Concepts: Data Analysis, Data Structures, Algorithms, statistics, Aptitude and Reasoning,

Projects

Machine Learning Model for Customer Churn Analysis github link

- This project focuses on predicting customer churn by integrating data transformation, visualization, and machine learning. The raw data was cleaned and processed using SQL in SQL Server Management Studio (SSMS) to ensure accuracy. An interactive dashboard was then created in Power BI to display key metrics such as churn rate, tenure, and payment method. Finally, a Random Forest model was developed to predict whether a customer is likely to churn, helping businesses take proactive steps to improve customer retention.

AI-Powered Data Analysis using Ollama, PandasAI, and LLaMA 3 github link

- This project uses Ollama and PandasAI with the LLaMA 3 model running locally to perform intelligent data analysis. By simply providing natural language prompts, users can generate meaningful insights and visualizations directly from datasets. The integration enables offline, LLM-driven analysis where Python (via PandasAI) handles the data processing, and LLaMA 3 interprets prompts to guide the analysis — offering an efficient and intuitive way to explore data without writing complex code.

Certifications And Awards

The Bits and Bytes of Computer Networking by Coursera

NPTEL: Cloud Computing by Indian Institute of Technology, Kharagpur

Extracurricular Activities

- Played badminton at regional level.
- Rajasthan Club(Desgin) Co-lead,