RAHUL SHARMA

Data & Business Analyst

📞 +91-9501984778 ✉ rahulshm369@gmail.com in linkedin.com/in/rahul-sharma-i

Summary

Data enthusiast with hands-on experience and **MBA in Business Analytics**, skilled in BI dashboard development, Data Analysis. Proficient in **Python, SQL, Power BI, Tableau, and Excel**. Driven to leverage analytical expertise to optimize business strategies and foster digital transformation.

Skills

Programming: Python

Data Manipulation & Analysis: Jupyter Notebook, Excel (Pivot Tables, Power Query), Pandas, NumPy

Data Visualization: Power BI, Tableau, Matplotlib, Seaborn

Database & ETL: SQL, PostgreSQL, MySQL, ETL Pipelines

Version Control & Collaboration: Git, GitHub

Work Experience

Data Science Intern
YHills

- Collaborated with clients and stakeholders to **define business KPIs**, translating requirements into actionable reporting and analytics solutions.

- Explored and **profiled large-scale HR data**, leveraging advanced **data exploration and feature engineering** techniques to assess structure, **identify anomalies, and uncover underlying patterns that inform strategic decisions.**

- **Performed comprehensive data cleaning and preprocessing using Python (Pandas, NumPy)**, ensuring high-quality data ready for detailed analysis and visualization.

- Designed and built efficient **ETL pipelines** using **PySpark** and **SQL**, facilitating seamless data flow across raw, business, and information layers to support strategic insights.

- Optimized **SQL queries to enhance data retrieval performance by 40%**, applying advanced indexing and **query optimization techniques for faster data processing.**

- Developed dynamic **Tableau Dashboards** that **visualized key hiring metrics, such as rejections, interviews, job types, and vacancies**, to **streamline decision-making and enhance recruitment strategies.**

- Leveraged **Python**, **SQL**, **PySpark**, **Tableau**, and **Power BI** to deliver comprehensive, full-stack data solutions, from raw data ingestion to actionable business insights.

Business Analyst Intern
PwC Data Job Simulation

- Cleaned and transformed large user engagement datasets using **Power BI** and **Excel**, ensuring data accuracy and consistency for subsequent analysis and reporting.

- Developed interactive **Power BI Dashboards to visualize user behavior metrics, such as engagement rates, activity trends**, and demographic breakdowns, **enabling data-driven decision-making.**

- Collaborated with stakeholders to gather and **document business requirements (BRD), translating them into actionable data solutions** by analyzing user behavior and platform activity metrics, **making consistent product improvements.**

- Leveraged **SQL** to query and extract valuable insights from user data, developing key performance metrics and creating a **dashboard** that reduced manual data analysis time by **50%**.

Education

MBA – Business Analytics	**Aug 2023 – Present**
Chandigarh University	CGPA: 7.75
BSc – Bachelor of Science	**Aug 2018 – June 2021**
IHM	CGPA: 7.35

Projects

Hiring Process Analytics

- This project analyzes the hiring process data of a multinational company to derive meaningful insights. The goal is to examine trends such as rejections, interviews, job types, and vacancies to help improve the hiring process.

- Github link - https://github.com/rahul-shm/Hiring-Process-Analytics

Instagram User Data Analytics

- The goal of this project is to analyze user engagement and interactions with the platform. By leveraging SQL, we extract valuable insights from the provided user database to help the product and marketing teams make data-driven decisions. The analysis also serves to provide investors with crucial metrics about platform activity and user behavior.

- Github Link - https://github.com/rahul-shm/Instagram-User-Analytics

Hobbies

- Fitness

- Football