Rahul Das

Data Analytics | Certified in Data science from IIIT-B

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SUMMARY

IIIT-B certified Data Analytics professional with a strong foundation in data analysis and visualisation, including proficiency in Python, SQL, data manipulation, Tableau, Power BI, AWS and GitHub. With 2 years of experience in technical support and a recently completed Executive Post Graduate Program in Data Science, I am dedicated to leveraging my analytical skills to drive business insights and enhance decision-making processes. Currently seeking a position as a Data Analyst.

SKILLS

Programming Languages : Python, SQL

Data Visualization Tools : MS Excel, Tableau, PowerBI

Machine Learning: Linear Regression, Logistic Regression, Clustering

Database Management : MySQL, MS SQL SERVER

Cloud Platform : AWS

Soft Skills : Communication, Collaboration, Self-motivated, Critical Thinking, Resilience, Accuracy, Problem-Solving Skills

Key Skills : Data Analytics, Data Visualization, Exploratory Data Analysis (EDA), Statistics, DBMS, Data Structure & Algorithms, ETL

PROFESSIONAL CERTIFICATION

Executive Post Graduate Programme in Data Science :   Feb '23 – Mar '24

International Institute of Information Technology Bangalore   Bangalore, IN

Secured 3.85/4 CGPA

Course Modules:

- Data Analysis using SQL | Introduction to Python | Python for Data Science (NumPy, Pandas) | Introduction to Machine Learning
- Visualisation using Tableau | Visualisation using PowerBI | Structured Problem Solving using Frameworks | Data Storytelling
- Data Structures - Sets, Dictionaries, Stacks, Queues | Advanced Excel | Introduction to Cloud and AWS | Capstone Project

PROFESSIONAL EXPERIENCE

Executive Technical Support   Dec '21 – Mar '24

Centre for Development of Advanced Computing   Kolkata, IN

- Enhanced database performance and expedited data retrieval by managing databases, executing MySQL queries, ensuring data integrity and security, and **providing actionable insights**
- Managed extensive datasets in Excel, ensuring data accuracy through **cleaning and validation processes** and applying Excel functions like VLOOKUP, SUMIF, and INDEX/MATCH for analysis, generating pivot tables, charts, and graphs to represent data trends visually and producing detailed reports and dashboards showcasing insights, resulting in a 20% improvement in data accuracy
- Developed interactive dashboards and visualizations in Tableau, establishing connections to various data sources such as SQL databases and Excel files, resulting in **improved decision-making processes** and enhanced data analysis efficiency

ANALYTICS PROJECTS

1. Project Title: Marketing and Retail Analytics | Tech Stack: Python (NumPy, Pandas, Tableau, Advanced Excel) | Jan '24

Analyzed historical data of a retail company facing losses to manage inventory and reduce unnecessary costs. Identified top revenue-contributing products and used market basket analysis to understand customer purchase behavior, predicting item combinations for better inventory management.

2. Project Title: Risk Analytics | Tech Stack: Python (NumPy, Pandas, Matplotlib and Seaborn) | Apr '23

Conducted EDA on a bank dataset involving data cleaning, standardization, and visualization. Presented key improvements to enhance the bank's data handling and analysis processes.

3. Project Title : Movies Case Study | Tech Stack: SQL (MySQL) | May'23

Accomplished an SQL-based analysis on the IMDB dataset, offering insights for RSVP Movies' such as top-star casting, release timing, identify trends and competitor analysis to enhanced RSVP Movies' decision-making and market performance.

EDUCATION

B.Tech in Electronics & Communication Engineering :   Aug '15 – Jul '19

University of Engineering & Management (UEM), Kolkata   Kolkata, IN

Secured 7.54/10 CGPA

ADDITIONAL INFORMATION

Languages : English (Proficient), Hindi (Proficient), Bengali (Native)