

Rahul Das

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✖ Data Analysis ✖ Data Visualization ✖ Advance Excel, Python, SQL, Tableau & Power BI ✖

Result-oriented Data Analyst Aspirant with an **Executive Post Graduate Program in Data Science from IIIT-Bangalore**. Possesses a strong foundation in analyzing large datasets, creating insightful visualizations, and communicating findings effectively. Enthusiastic about leveraging hands-on experience in **data analytics, MySQL, Python & Tableau** to derive actionable insights and solve complex problems. Seeking an entry-level position or internship to contribute to organizational success with technical expertise and strong communication skills.

| CORE COMPETENCIES | PROFILE SUMMARY |
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| <ul style="list-style-type: none">Data Analysis & Data ExplorationData Cleaning & Data ManipulationExploratory Data AnalysisDatabase Management System- DBMSExtract, Transform & Load- ETLData Preprocessing & Data MiningData Visualization & Data StorytellingDashboard Creation & DevelopmentData Structuring & Data ModellingStatistical AnalysisLogistic & Linear Regression AnalysisModel DevelopmentCross-functional Coordination | <ul style="list-style-type: none">Data Analysis: Capable of performing Exploratory Data Analysis (EDA) to identify patterns and anomalies. Able to summarize insights and present findings through clear and engaging visualizations.SQL: Knowledgeable in writing SQL queries for data extraction and transformation. Experienced with joins, subqueries, and aggregate functions to handle and analyze data.Python: Exposure in using Python for data manipulation and analysis with libraries such as Pandas and NumPy. Familiar with building and evaluating machine learning models using Scikit-Learn. Able to create data visualizations using Matplotlib and Seaborn.Machine Learning: Understanding of basic machine learning algorithms including regression, classification, and clustering. Capable of model training and evaluation to solve practical problems.AWS: Basic knowledge of AWS cloud services, including setting up and managing data processing clusters. Familiar with deploying machine learning models and data pipelines on the cloud. |
| TECHNICAL SKILLS | <ul style="list-style-type: none">Statistical Analysis: Understanding of statistical techniques for analyzing data distributions and relationships. Able to apply statistical tests to validate hypotheses and draw conclusions.Analytical Thinking & Problem Solving: Skilled in systematically analyzing data to identify trends and insights and using logical reasoning and statistical methods to develop effective solutions and improve processes. |

DATA ANALYTICS PROJECT UNDERTAKEN

- Title:** [Marketing & Retail Analytics](#) | **Tech Stack:** Python (NumPy, Pandas, Tableau, Advanced Excel)
Objective: 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.
- Title:** [Risk Analytics](#) | **Tech Stack:** Python (NumPy, Pandas, Matplotlib and Seaborn)
Objective: 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.
- Title:** [Movies Case Study](#) | **Tech Stack:** SQL/MySQL
Objective: 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 enhance RSVP Movies' decision-making and market performance.

WORK EXPERIENCE

- Executive-Technical Support at CDAC | Dec'21-Mar'24**
- 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

EDUCATION

- Executive Post Graduate Program in Data Science from IIIT Bangalore in 2024
- BTech- ECE from University of Engineering & Management (UEM), Kolkata in 2019

PERSONAL DETAILS

- Date of Birth:** 27th August 1997 | **Languages Known:** English, Bengali & Hindi