Rahul Das

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

Experienced Data Analyst with a **Data Science Post Graduate Program from IIIT-Bangalore**. Skilled in MySQL, Python, Power BI, Tableau, and statistical analysis to optimize operations and drive insights. Proven ability to deliver data-driven solutions and collaborate across teams. Seeking to leverage expertise in a challenging data analyst role.

CORE COMPETENCIES

- Data Analysis & Data Exploration
- Data Cleaning & Data Manipulation
- Exploratory Data Analysis
- Database Management System- DBMS
- Extract, Transform & Load- ETL
- Data Preprocessing & Data Mining
- Data Visualization & Data Storytelling
- Dashboard Creation & Development
- Data Structuring & Data Modelling
- Statistical Analysis
- Logistic & Linear Regression Analysis
- Model Development
- Cross-functional Coordination

TECHNICAL SKILLS

- **Tools/Languages:** SQL, Python, Power BI (Beginner) & Tableau (Beginner)
- **Cloud:** Amazon AWS
- **Databases:** MySQL, MS SQL SERVER
- **MS Excel:** Advanced statistical analysis, data manipulation, VLOOKUP, charts, graphs, pivot tables
- **Data Preprocessing:** Pandas, NumPy

PROFILE SUMMARY

- **Data Analysis & Visualization:** Proficient in performing Exploratory Data Analysis (EDA) to uncover patterns and anomalies, summarizing insights through clear, impactful visualizations.

- **SQL & Data Transformation:** Skilled in SQL for data extraction, transformation, and analysis using joins, subqueries, and aggregates.

- **Python for Data Science:** Experienced in using Python for data manipulation and analysis, utilizing libraries like Pandas and NumPy. Competent in building and evaluating machine learning models with Scikit-Learn and visualizing data using Matplotlib and Seaborn.

- **Machine Learning Fundamentals:** Knowledgeable in basic machine learning algorithms, including regression, classification, and clustering, with experience in model training and evaluation to address practical, real-world problems.

- **AWS Cloud Services:** Basic experience with AWS cloud services, including setting up and managing data processing clusters and deploying machine learning models and data pipelines on the cloud.

- **Statistical Analysis:** Skilled in applying statistical techniques to analyze data distributions and relationships, conducting statistical tests to validate hypotheses and draw meaningful conclusions.

- **Analytical Thinking & Problem Solving:** Strong analytical skills to identify trends, derive insights, and apply logical reasoning and statistical methods to optimize processes and drive effective solutions.

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.

WORK EXPERIENCE

Operations Executive at Flipkart | Aug'24-till date

- Analyzing large datasets to identify trends, anomalies, and solve real-world challenges in Flipkart's line-haul operations
- Building and refining performance metrics and business cases for operational improvements
- Preparing EOD reports, summarizing key metrics, and responding promptly to stakeholder inquiries
- Aggregating data from SQL, Google Sheets, and Excel to create actionable, insight-rich reports
- Conducting statistical analysis to highlight critical insights for informed decision-making
- Tracking operational metrics and collaborating with internal teams to drive process improvements
- Designing scalable, automated reporting solutions with Python, SQL, and Power BI to enable real-time decisions
- Developing and managing Power BI dashboards to deliver timely, relevant KPIs and visualizations
- Building predictive models and establishing automated processes using Python to ensure efficiency and consistency in data insights

Technical Support Staff at CDAC | Dec'21-Mar'24

- 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