Asaf Mohammed

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PROFESSIONAL SUMMARY

Analyst with 4+ years of experience including SQL, data analysis, and automation, skilled in driving decision-making through focused and conclusive insights. Proficient in designing and implementing analytical projects that align with business goals, with a solid track record in building dashboards and reports for strategic decision-making. Hands-on experience with SQL, Python, Excel, and data visualization tools. Adept at collaborating with cross-functional teams, including Business, Product, and Data Engineering, to improve data accuracy, define metrics, and drive process improvements.

PROFESSIONAL EXPERIENCE

Data Services Analyst
ZoomInfo| Jun 2023 – Present

- Built an email validation automation system using **Python**, reducing manual work by **200** cases per quarter and saving **10 man-days** per quarter.

- Built Utils script for Salesforce for our internal scripts thereby reducing the time and effort spent for rewriting the code by around **20%.**

- Created **SQL** queries in **Snowflake** for data manipulation, supporting use cases such as improving customer satisfaction.

- Collaborated with Product and Data Engineering teams to ensure data accuracy and completeness in the **GCP** Full File Collector script, enhancing the overall data quality.

- Worked on creating Tableau Reports for customers as per their requirements.

Senior Research Analyst / Research Analyst
Altrata (formerly Relationship Science) | 2020 – 2023

- Developed SQL-based solutions for complex data analysis and participated in a large-scale data migration from SQL Server to Databricks, ensuring seamless data flow and accuracy.

- Worked closely with Business and Data teams to define critical business metrics and build frameworks for measuring the performance of various business units.

- Supported business process improvements through data-driven insights and analysis, enhancing decision-making for senior management.

KEY SKILLS

- **SQL**: Snowflake, SQL Server, MySQL

- **Scripting**: Python, PySpark (basics)

- **Data Visualization**: Tableau, PowerBI

- **Excel**: Advanced functions, data manipulation, reporting

EDUCATION

Bachelor of Engineering in Mechanical Engineering
Aalim Muhammed Salegh College of Engineering | 2015 - 2019

PROJECT HIGHLIGHTS

Email Validation Automation

- Developed a Python automation script for email validation, reducing manual workload by 200 cases per quarter and saving 10 man-days, improving data accuracy.

GCP Full File Collector Script

- Delivered a Python script for GCP file collection ahead of time, working closely with engineering teams to ensure complete and accurate data collection.

Excel Dashboard for Vrinda Store Sales in 2022

- Vrinda Store is an online garment seller. The store sells through popular e-commerce channels like Amazon, Flipkart etc., The objective of the project is to clean, process and analyze the given sales data and to draw valuable insights from the data.

- Project URL: https://github.com/asafmd/Data-Analysis-Projects/blob/main/Vrinda%20Store%20Data%20Analysis.xlsx

Zomato Sales Analysis in SQL

- The Database contains 4 tables namely users, sales, products and goldusers_signup. The objective of the project is to raise possible questions from the dataset and write queries to analyze the data in SQL. The project is done in Microsoft SQL Server Management Studio

- Project URL: https://github.com/asafmd/Data-Analysis-Projects/blob/main/Zomato%20Sales%20Analysis

HR Analytics Dashboard in Tableau

- This is a Tableau dashboard created on top of a HR dataset to provide insights regarding the attrition of the employees based on their department, gender, educational background, age etc.,

- Project URL: https://github.com/asafmd/Data-Analysis-Projects/blob/main/HR%20Analytics%20Dashboard.twbx

Achievements & Awards

- 5 star in HackerRank for SQL

- As an Employee in Altrata, received Best Performer award in May, August, November & December 2021 & January, February & April 2022 and received Worth A Mention recognition multiple times.

- Participated and won the internal hackathon in ZoomInfo where we proposed a solution for summarization of text using BART model.