Ahmed Mohamed Eraky

BI/Data Analyst

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Summary

I am passionate about transforming raw data into actionable insights and a passionate problem solver with a lifelong learning mindset. I'm a data analyst with experience in Excel, Power BI, SQL queries, metabase, and databases design. I'm a certified Power BI analyst from DataCamp. I'm eager to analyze data and visualize it, design dashboards, make reports, and help stakeholders to make decisions. I'm interested in sports, healthcare, supply chain, and business domains.

Education

Mechanical Engineering, Fayoum university   2020 –2025 (expected)
- GPA: Very good
- studies different and various courses related to fields of manufacturing engineering, industry engineering, and sustainable energy and power engineering. I intend to specialize in supply chain and data management systems in the industry engineering field.

Experience

Data Analyst, MisMar, Fulltime, Remotely   11/2023 – Present
- Optimizing sql queries to run faster on metabase
- Answering business questions using SQL queries.
- Writing Complex SQL queries and Visualize them on metabase.
- Making dashboards that can help business, operation, and marketing teams in their work.

Virtual Assistant, Upwork, Freelancer   02/2023 – 03/2023
- Made researches about some universities in the middle east that provide the best Islamic programs and decide the best ones.

Skills

- **Excel:** pivot tables, power query, dashboards and reports, complex functions.
- **Power BI:** power query, Dax functions, M language, visualizations, design dashboards, data connection, data model, power bi services, power bi report builder, power apps, performance, row-level security.
- **Metabase:** making dashboards, visualizations.
- **SQL:** joins, subqueries, window functions, performance tuning, union, data cleaning, aggregation
- **Relational Data Base Management systems:** Microsoft SQL server, Postgres
- **Concepts:** data cleaning, data modeling, data exploration, data visualization, ERD and data base implementation, EERD.
- **Git & Github**

Projects

- **Ops Weekly Report** 🔗 **:**   08/2024
  A dashboard made in Metabase using SQL and it shows company performance for marketing team.
- **Optimizing SQL queries:**   11/2023 – 01/2024
  worked on optimizing SQL queries in certain dashboards running slowly to become faster.
- **Operation team Dashboards**   01/2024 - 03/2024
  made 2 dashboards on metabase for the operation team that helps them to organize work processes.
- **HealthCare Analysis** 🔗   09/2023

designed a dashboard on Power BI that shows insights about the effects of length of stay measure and cost on the efficiency metric of New York state-wide hospitals.

- **Messi statistics** 🔗   08/2023
  Designed dashboard using Power BI that shows Messi's goals with teams on different opponents and tournaments.
- **Churn Customer** 🔗   04/2023
  Designed a Power BI report that shows insights about the factors that impact customer churn for a telecom company.
- **HR Analytics** 🔗   03/2023
  Designed Power BI dashboard that monitors Key HR metrics on employees and shows what factors impact attrition.

Certifications & Courses

- **Intermediate SQL** 🔗   09/2023
  HackerRank
- **Data Analyst In Power Bi** 🔗   07/2023
  Data Camp
- **SQL (basic)** 🔗   03/2023
  HackerRank
- **SQL for data analysis**   01/2023
  Udacity
- **The data challenger track**   04/2022
  Udacity

Volunteering

IEEE Fayoum Student Branch   2023
Data Analyst team member

Languages

- **Arabic:** Native
- **English:** limited working proficiency