

SARA ISMAIL ALI

Data Analyst

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SUMMARY OF QUALIFICATIONS

Junior data analyst with a proven track record of leveraging data to address business challenges. Proficient in utilizing tools such as Power BI, Excel, MySQL, Python, and R to efficiently gather, clean, analyze, and visualize data. Demonstrated ability to translate complex datasets into actionable insights, contributing to informed decision-making. Keen attention to detail, strong analytical skills, and a commitment to delivering high-quality results. Seeking opportunities to apply my expertise in data analysis to drive strategic business outcomes.

EXPERIENCE

Data Analyst

Brand Marketing Agency

📅 08/2023 - Present 📍 Remote

- Built Power BI dashboards to visualize core Business KPIs (such as monthly revenues) Saving 10 hours per week of manual reporting work.
- Handled large datasets, conducted data cleansing, and gathered information from diverse sources, executing Extract, Transform, Load (ETL) processes.

EDUCATION

Faculty of Computer and Data Science

Alexandria University

📅 2019 - 2023

SKILLS

MySQL

Power Bi

Excel

Python

R

Html/css

Php

JavaScript

Sas viya

Machine Learning

Data modeling

Data visualization

Web scraping

Data wrangling

Data warehousing

Data Architecture

Data Preparation

ETL

PROJECTS

Senior Project, Sign Language Recognition

Crafted and executed a vision-based system leveraging machine learning techniques to interpret Egyptian Sign Language gestures into words and Arabic alphabetic characters. This initiative enhanced railway communication efficiency and accessibility, culminating in a notable 40% decrease in communication obstacles.

- Github link: <https://github.com/saraismailali/Egyptian-Sign-Language-Recognition>.

Big-Data-Analytics-project

Utilized SAS Viya for the transformation and visualization of the VS Bank dataset.

- Github link: <https://github.com/saraismailali/Big-Data-Analytics-project>

Adventures work powerbi project

Executed a project leveraging data modeling, advanced DAX functions, contemporary filters, a range of chart types, interactive components, and informative tooltips. Demonstrated expertise across diverse areas of data analytics and visualization.

- Github link: <https://github.com/saraismailali/-Adventure-Works-Power-BI-Project>

Junior Project, Social media data analytics using powerbi

Developed and executed a project encompassing data modeling, Power Queries, advanced DAX functions, modern filters, various chart types, interactive features, and informative tooltips. This project underscored expertise across a broad spectrum of data analytics and visualization techniques.

- Github link: <https://github.com/saraismailali/Powerbi-project>

PROJECTS

Covid-19 detection using CNN.

Designed and implemented code for automated COVID-19 detection in patients through X-ray image analysis using Convolutional Neural Networks (CNN) within the system.

- Github link: <https://github.com/saraismailali/Data-Tools-Project>
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Data wrangling and visualization.

Conducted comprehensive analysis on the Titanic dataset sourced from Kaggle by visualizing outcomes from diverse clustering algorithms. Utilized Python for data wrangling, employed both R and Python code for analysis, and compared their outputs.

- Github link: <https://github.com/saraismailali/Data-Visualization-Project>
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Global- superstore Analysis

Developed an interactive Power BI dashboard to enhance data-driven decision-making, focusing on a dataset from the 2016 Global Superstore. Conducted extensive data preparation tasks, including cleansing, ETL processes, and strategic implementation of DAX expressions, resulting in improved data understanding and the creation of dynamic visualizations.

- Github link: <https://github.com/saraismailali/Global-Superstore-Analysis>
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TRAINING/CERTIFICATIONS

-Microsoft Power BI desktop for business intelligence (2023).

-EdX verified certificate for databases: Relational databases and sql.

-Datacamp Intermediate Importing Data in Python certificate.

- Johns Hopkins university Business Analytics with Excel: Elementary to Advanced.

-Datacamp Understanding Data Engineering.

-Security meter for cyber security training.

-New horizon for introduction to programming using python.