Data Scientist

ABDALLAH MUHAMMAD

Cairo, Egypt | 00201099706952
abdallahhmuhammad@gmail.com

LinkedIn | **GitHub**
Tableau Public | **Kaggle**

Career Objective

Highly motivated and analytical Entry-Level Data Scientist with a strong background in mathematics, statistics, and programming. seeking a challenging role to leverage my skills to contribute to data-driven decision-making and gain experience in a fast-paced environment.

Technical Skills

- MySQL
- Microsoft Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Power BI
- Python (Pandas, NumPy, Matplotlib, Seaborn, Beautiful Soup, scikit-learn)

Soft Skills

- Detail-oriented
- Teamwork & collaboration
- Problem-solving
- Decision-making
- Research skills
- Critical thinking

Education

BACHELOR OF SCIENCE – Helwan University 2020 - 2024
Major: Statistics and Computer Science

Languages

- Arabic (Mother tongue)
- English (Intermediate)

Experience

DATA SCIENCE INTERN – ALX   May 2023 - Present

- Provided appropriate solutions using data-driven decision-making
- Cleaned and preprocessed data using SQL, and Python
- Analyzed data and visualized key trends with interactive dashboards using Microsoft Power BI
- Designed dashboards and reports using Excel, and Microsoft Power BI
- Developed machine learning model using Python's scikit-learn library

Projects

GOOGLE DATA ANALYTICS CAPSTONE – Capstone Project

- Used bike-share company data and helped to build a marketing campaign to get more people to buy annual memberships.
- I prepared, cleaned, analyzed and visualized the data and came up with insights that helped solve the business task.
- I used **SQL** to prepare, clean and analyze the data, and used **Tableau** to visualize the results.

TESLA AND GAMESTOP DATA SCIENCE PROJECT – Personal Project

- Utilized **Python** to analyze Historical Stock/Revenue Data and build a Dashboard.
- Extracted stock prices using **yfinance** library and extracted revenue data for Tesla and GameStop using **Web scraping.**
- Created a dashboard using **Plotly** library to compare the price of the stock vs the revenue for Tesla and GameStop.

HOUSE SALE PRICES ANALYSIS – Personal Project

- Utilized **Python** to wrangle data of house prices.
- Used **Seaborn** to make EDA and to find the correlation between the price of a house and some other features.
- Used **scikit-learn** to fit a linear regression model to predict prices of houses based on some features.

HEART DISEASE CLASSIFICATION – Personal Project

- Utilized **Python** to clean and preprocess the data.
- Performed Exploratory Data Analysis (EDA) using **Seaborn.**
- Split the data into train and test and trained the model.
- Evaluated performance of the model using metrics like accuracy, precision, recall, and F1-score.

Certificates

- **Google Data Analytics Certificate**
- **IBM Data Analysis with Python**
- **IBM Python Project for Data Science**