

Abdel Halim Mansour

Data Analyst / Data Scientist

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Summary

- Results-driven Junior Data Analyst / Data Scientist with a strong foundation in data analysis and a passion for deriving valuable insights from complex datasets. Skilled in data manipulation, visualization, and storytelling. Committed to delivering actionable recommendations to drive business growth and optimize decision-making processes. Seeking an opportunity to contribute to a dynamic data science company.

Education

Bachelor of Engineering **Pharos Alexandria University** **10/2017 - 7/2022**

Major in Computer Engineering

- Achieved a Final Grade of Excellent with Honor
- Received an Excellent Grade for the Graduation Project

Data Analysis Nanodegree **Udacity FWD program** **1/2023 - 3/2023**

- Mastered data manipulation, preparation, and visualization techniques
- Project Developed skills in data exploration and storytelling with data.

DataCamp **3/2023 - 5/2023**

Data Analysis Track

- Experience with popular Python libraries such as pandas, NumPy, and Seaborn
- Importing, cleaning, and preprocessing data using Python
- Understanding of statistical concepts and hypothesis testing
- Exploratory data analysis to uncover patterns and trends.

Data Analyst in Power BI **DataCamp** **5/2023 - 6/2023**

- Proficient in using Power BI for data analysis and visualization.
- importing, cleaning, and transforming data in Power BI
- Data modeling and creating relationships between datasets.
- Implementing advanced calculations and expressions using DAX
- Utilizing Power Query for data preparation and transformation

Professional Experience

Egypt Experts (Internship) **7/2020 - 9/2020**

- Developed a solid understanding of the SDLC, including requirements gathering, design, development, testing, and deployment.
- Successfully managed and maintained an SQL database, ensuring efficient data storage and retrieval.

Projects

- **Face Recognition Security System**
 - Set to develop a model for face detection using convolutional neural network algorithms and deep learning in python.
 - The system is unlocked if the person is in our database.
 - Managed to reach 92% accuracy against 75% testing data.
- **Analyze A/B Test**
 - Conducted in-depth analysis of an A/B test for an e-commerce website.
 - Leveraged data insights to provide recommendations for website optimization.
- **Medical Appointments Dataset**
 - Utilized Python code for data wrangling, cleaning, and exploratory analysis.
 - Aimed to improve appointment attendance rates and optimize medical resources.
- **SQL Data Cleaning: Nashville Housing**
 - Provided SQL queries for cleaning and transforming data in the Nashville Housing table.
 - Tasks include standardizing date format, populating missing addresses, modifying values, removing duplicates, and deleting unused columns.
- **Covid-19 Data Exploration (SQL)**
 - Extracted insights such as percentage of deaths among cases in Egypt and countries with the highest infection rate.
 - Utilized the "COVID-19 dataset" and provided code for data exploration.
- **Data Professional Survey Breakdown Dashboard (Power BI)**
 - Created a Power BI dashboard project to analyze survey data from 600 data professionals.
 - Collected responses on country of origin, average salary by job title, preferred programming language, breaking into data, and satisfaction with salary/work-life balance.
 - Extracted insights and presented findings using Power BI visualizations.
- **Amazon Web Scraper**
 - This project involves web scraping product information from Amazon, logging it to a CSV file, and sending email notifications if the price drops below a certain threshold.

Skills

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|-----------------|--------------|
| • Python. | • SQL / SSRS |
| • Power BI | • Tableau |
| • Excel | • Excel |
| • Java / PHP | • C, C++ |
| • Agile (Scrum) | • OOP |
| • ETL | |
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- **Languages:** English (proficient), Arabic (native)