Abdullah Nashat

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DATA ANALYST | BUSINESS ANALYST

Fresh Computer Engineering graduate with excellent analytical and critical thinking skills. Acquired high level of software development skills through university studies and side projects. Currently interested in data and business analysis full-time jobs.

TECHNICAL SKILLS

Scripting and developing: Python (Pandas, NumPy, SciPy, Matplotlib, Web scraping tools) | PySpark | C/C++ | C# | MATLAB | JavaScript | CSS | HTML | Git

Data management & data modeling: SQL (SQL Server, MySQL) | Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse, Azure Synapse Analytics)

BI & Visualization: Microsoft Power BI | Excel (VLookup, Conditional Formatting, Pivot Tables)

PROJECTS

OCD patients' analysis (healthcare project) – Personal Project
- Utilized **SQL** to extract data from 17 different related tables from OCD patient dataset altering and cleaning the tables (modifying formats as well as data types) before applying SQL queries.
- Transformed and filtered data by using aggregating and filtering functions to improve reporting process and exported new csv tables for reporting.
- Loaded and visualized data with **Power BI** to identify key business intelligences that show the insights and most important key aspects related to OCD patients.

Bike store analysis – Personal Project
- Leveraged **DAX** for comprehensive data analysis of AdventureWorks dataset.
- Integrated data cleansing and preprocessing procedures to ensure data accuracy and consistency.
- Developed interactive graphical interface using Power BI to showcase key performance indicators and facilitate data exploration.
- Implemented dynamic features like slicers, filters, and drill-down functionalities for deeper insights.
- Reported insights for informed decision-making and improved performance monitoring.

Egyptian Premier league analysis – Personal Project
- Utilized **Python** to extract data from football websites to be used for analysis and eventually reporting. The tool used was Selenium for web scraping.
- Exported the appropriate data as csv file and reported general insights about the premier league competition and details about each team that the user can choose from and understand the nature of the competition. (the dashboard in constantly updated using the **Python** script)
- The interactive graphical interface of the dashboard was designed with the integration of both **Power BI** visualization tools and Adobe photoshop.

EDUCATION

B.S. in Computer Engineering
The American university in Cairo   Jan 2023

PROFESSIONAL EXPERIENCE

Data Engineering Intern, KnowledgeNet   May 2022- Aug 2022
Responsibilities:
- Doing research to report data applying web scraping using python.
- Preprocessing for the data as well as designing a simple machine learning model, as a start for a more advanced model, to translate the data into text.
- Data warehousing and using a data integration ETL tool such as Talend after designing and finishing the data warehouse on SQL server.
- Writing technical reports and technical briefs and holding meetings with departments' managers.

- Balancing the tasks between two teams; the data team and product growth team.

Undergrad TA for Fundamentals of Computer Science course   Sep 2017- Dec 2017

Responsibilities:
- Providing needed support to students such as advising, providing office hours, and holding sessions.
- Communicating with the instructor to better organize the lectures and the materials for the students.

CERTIFICATES

- Microsoft Certified: Azure Data Fundamentals (Certification number: R4536E-950E4D)
- Microsoft Certified: Azure Enterprise Data Analyst Associate (Certification number: 42D528-745F25)

LANGUAGES AND OTHER SKILLS

LANGUAGES:
- Arabic
- English

OTHER SKILLS:
- Graphic design.
- UI/UX design.
- Designing 3d models using fusion 360
- Adobe Creative Suite