

YEHIA HOSSAM

Junior Data Analyst

+20 1115394460 ◇ Cairo,Egypt

yehiahosam34@gmail.com ◇ [Linked-in](#) ◇ [GitHub](#) ◇ [Kaggle](#)

EDUCATION

Bachelor of Computer and System Engineering, Zagazig University

08/2017 - 07/2022

Grade: Very good 81%

Graduation Project Grade: A+

SKILLS

- **Data Analysis:** Excel -SQL -Python -PowerBI -Tableau.
- **DataBase:** RDBSM -SQLite -SQL Server -MySQL.
- **Programming languages:** Python -R -Java -Dax.
- **Data Science:** Math -Statistics -Machine learning -Numpy -Pandas -Seaborn -Matplotlib -Sklearn.
- **Other:** Git -OOP -Algorithms -Problem Solving.

EXPERIENCE

Data Analyst

05/2023 - Present

Marketeers Research

- Developing automated data cleaning modules using Python to streamline data processing, ensuring accuracy, and enhancing efficiency in data manipulation tasks.
- Leveraging MS Excel and Python to create and implement an automation system for handling large datasets, thereby improving data management and analysis processes.
- Creating impactful PowerPoint presentations to communicate data-driven findings and recommendations to stakeholders, facilitating effective decision-making and driving business growth.
- Improving the process by 50% making an automation python script to write the text file for the ETL application
- Improving the essential codes by implementing clean code concepts.

BI Intern

06/2021 - 07/2021

ITI

- Completed a one-month BI internship at ITI where I attended meetings and completed tasks related to DBMS and SQL server using Microsoft SQL management studio.
- Developed skills in creating and manipulating databases, cleaning data, and visualizing data using Power BI.
- Worked on the Bike-share database to analyze popular stations, time of travel, trips, trip duration, and user info.
- Gained experience in using SQL queries to retrieve data that fits business KPIs.

PROJECTS

Musical Instruments database analysis.🔗

Fetching data from musical instruments shop database using SQL,Using some business questions and getting the answer of them using complex or simple SQL queries,Saving the answer of the questions gathered as CSV files, Making visuals out of outputs using excel and power BI.

Twitter wrangle and analyze data.🔗

Build a project using data got from twitter api tweepy, Using pandas dataframe to clean and analyze data then getting insights of data using matplotlib.

Analyze page new design (A/B testing).🔗

Comparing between old page and new page using Logistic regression model and hypotheses tests.

Mahji Ndogo water analysis 🔗

Using the data of 8 tables showing the water sources of city called mahji ndogo to make the progress for every kind of repair or solution to be acquired using Power BI to visualize the gaps and opportunities using multiple tools like slicers and Bookmarks also filters On page and report.

Titanic-disaster-prediction🔗

Using multiple features to predict the survival of people in the Titanic ship using machine learning classification algorithms.

Mall Customers Clustering.🔗

I used K-means algorithm to group mall customers based on their income and spending score. This helped to identify different customer segments and make targeted marketing strategies.

CERTIFICATES

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| • Udacity Advanced Data Analysis Nanodegree | 09/2022 |
| • Udacity professional Data Analysis Nanodegree. | 12/2021 |
| • HackerRank SQL(Advanced) | 01/2023 |

EXTRA-CURRICULAR ACTIVITIES

- IEEE RAS - Electrical Team Lead 02/2019 - 06/2020
- AIESEC - Team lead 01/2019 - 12/2019

LANGUAGES

- Arabic
- English