

ABDELMONEM ALI ELMONGY

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LinkedIn | GitHub

Address: Cairo, Egypt | Military Status: Final exemption

Profile

A Computer engineer with experience in Data Analysis & Business intelligence, who recently graduated from the Power BI program Information Technology Institute (ITI). Coming with strong technical skills in SQL, Python, Power BI, Excel. Looking for a challenging position as Data Analyst and Business Intelligence, where I can contribute my skills for the company's success

Education

- **Power BI Program** - Information Technology Institute (ITI) - Intensive Code Camp. Oct, 2023
 - **Graduation Project:** Online Examination System
online exams, manage exam-related data, and provide reporting capabilities for ITI staff.
- **AWS re/Start Program** - Information Technology Institute (ITI) - Intensive Code Camp. June, 2023
 - **Graduation Project:** Aws Code Builder
Using Aws Code builder to Automate and deployment data analysis project in AWS by jupyter notebook
- **Bachelor Degree in Computer Engineering**, Misr Higher Institute for Engineering and Technology July, 2022
 - **Graduation Project:** Automated Intelligent Security System based on AI and IOT
Using AI to Detect face emotional, face masking, face recognition by OpenCV and Machine Learning

Scholarships/Internship

- **Data Analysis Nanodegree Program** – Udacity - ALX-Africa Scholarship Feb, 2023
 - **Skills:** python, SQL, EDA, Tableau, Supervised Machine Learning, jupyter notebook, Scripting, git/GitHub, Statistics
- **Data Analysis Nanodegree Program** – Udacity – egFWD Scholarship Dec, 2022
 - **Skills:** python, SQL, EDA, Tableau, Supervised Machine Learning, jupyter notebook, Scripting, git/GitHub, Statistics

Skills

- **Programming languages:** Strong Python, C/C++, SQL, JavaScript some knowledge of (C#, MATLAB).
- **Concepts:** Problem Solving, Machine learning, Cloud Computing, AWS Service, Database, Data wrangling, Data Cleaning, Data Visualization, Exploratory Data Analysis, Data Warehouse.
- **Technologies:** NumPy, Pandas, Matplotlib, sci-kit learn, OpenCV, Power BI, Tableau, Excel, Linux, Control Version, Git/GitHub, SSIS, SSAS, SSRS, SQL SERVER.

Projects

- **Online-Examination-System** Oct, 2023
provides an overview of the requirements and specifications for an automated online examination system along with its associated SQL database.
- **Bikeshare-Udacity** Aug, 2021
Explore data related to bike share systems for three major cities in the United States—Chicago, New York City, and Washington by computing a variety of descriptive statistics.
- **No-show-appointment-Kaggle-Udacity** Sep, 2021
Predict if a patient will show up for their scheduled appointment depend on factors
- **AI Personal Trainer** Dec, 2021
Develop AI Trainer program using OpenCV and Python. We used pose estimation to find the correct points, and place them in a live video of the user's body.
- **Melbourne-house** Dec 2021
Predict the house price depend on Type of Real estate, Suburb, Method of Selling, Rooms, Price, Real Estate Agent, Date of Sale, and distance from C.B.D. representing an important part of the local commercial real estate market.

Courses - Certificates

- Coursera, Python 3 Programming June, 2020
- Coursera, Coding for every C and C++ Sep, 2021