

- yahiaelghanam99@gmail.com
- [01155654725](tel:01155654725) | 01064623142
- [Portfolio](#) | [Linked In](#) | [GitHub](#)
- Alexandria (Flexible to relocate)

Skills

- **SQL** (SQL Server, MySQL)
- **Python** (Pandas, NumPy, SciPy, Matplotlib)
- Microsoft **Power BI**
- **Excel** (VLOOKUP, Conditional Formatting, Pivot Tables)
- Strong analytical and problem-solving abilities.
- Attention to detail in data validation, ensuring accuracy and reliability.
- Strong decision-making abilities based on data-driven insights.
- Presentation skills to effectively convey complex information in reports and presentations.

Professional training

DATA ANALYSIS TRAINING – ITI (Information Technology Institute)

May 2024 - June 2024

- Hands-on experience with **data collection, cleaning, analysis, and visualization** using Python, SQL, and Power BI.
- Skills acquired in deriving insights from complex datasets and hands on **Business intelligence** concepts.
- Effective **communication** of findings to stakeholders.
- **Problem-solving** abilities applied to real-world data challenges.

ARTIFICIAL INTELLIGENCE TRAINING – ITI (Information Technology Institute)

Jan 2023 - Feb 2023

- Hands-on experience with data and machine learning algorithms using **Python, Pandas, and Matplotlib**.
- Proficient in applying **AI and machine learning algorithms** such as regression, classification, and clustering.
- Developed skills in **model evaluation, feature engineering, and optimization techniques**.

Projects

[RESTAURANT SALES DATA ANALYSIS PROJECT](#) – Personal Project

June 2024

- Developed a comprehensive sales dashboard using **Excel for data preprocessing, SQL** for database querying, and **Power BI** for interactive visualization.
- Analyzed restaurant sales data to identify trends and patterns, enabling data-driven decision-making for business growth and optimization.
- Implemented key metrics and KPIs visualization, providing stakeholders with real-time insights into sales performance and operational efficiency.

[ACCESSORIES SHOP SALES DATA ANALYSIS PROJECT](#) – Personal Project

May 2024

- Analyzed sales data from an accessories shop using Excel and **Looker Studio** to identify trends and insights crucial for business decisions.
- Created customized **reports** and interactive dashboard to visualize key metrics such as product sales performance and customer demographics.
- Leveraged advanced Excel functions and Looker Studio's data modeling capabilities to streamline data processing and improve decision-making processes for strategic planning and marketing initiatives.

[E-MAIL DETECTION AND SENTIMENT ANALYSIS](#) – Personal Project

April 2024

- Conducted **sentiment analysis** on email messages using Python to gauge customer satisfaction and feedback.
- Utilized **Natural Language Processing (NLP)** techniques and **machine learning algorithms** to classify emails into positive, negative, or neutral sentiments.

- Implemented libraries such as **NLTK** and **scikit-learn** for text preprocessing, feature extraction, and sentiment classification

INFORMATION RETRIEVAL PROJECT – Personal Project

Mar 2024

- Developed an automated data retrieval system using Python to crawl and extract job listings from the Wuzuf website.
- Implemented web scraping techniques and data parsing algorithms to collect, preprocess, and transform job data into a structured format.
- Built an inverted index to efficiently store and retrieve relevant job information based on search queries.
- Implemented ranking algorithms to prioritize and display search results based on relevance, enhancing user experience and retrieval accuracy.

WUZZUF WEB SCRAPING PROJECT – Personal Project

Dec 2023

- Developed a custom **web scraping** tool using Python to extract structured data from various websites, including job listings and product information.
- Implemented **Beautiful Soup** and **Requests** libraries for data extraction and parsing, ensuring accurate and efficient retrieval of desired content.
- Designed **data cleaning** and **transformation** processes to convert raw HTML data into structured formats suitable for analysis and visualization.

Certifications

DATA ANALYSIS CERTIFICATE – CREATIVA

June 2024

- Instructor: Aya Mohsen, Team Lead at Etisalat Egypt

DATA ANALYSIS PROFESSIONAL CERTIFICATE – 9 Courses – Coursera

April 2024

- Introduction to data analytics
- Excel Basics for data analytics
- Data visualization and dashboards with Excel and Cognos
- Python for Data Science, AI & Development
- Python Project for Data Science
- Databases and SQL for Data Science with Python
- Data Analysis with Python
- Data Visualization with Python
- IBM Data Analyst Capstone Project

ARTIFICIAL INTELLIGENCE CERTIFICATE – ITI

Feb 2023

- Instructor: Walid Ead, Professor in artificial intelligence at Egypt-Japan University
 - Machine learning using SAS Viya 3.5
 - SAS programming essential
 - Introduction to INNOVA, Regression and logistic regression

Education

BACHELOR OF COMPUTER SCIENCE – Minia University

June 2024

- Department of Information system and Business management