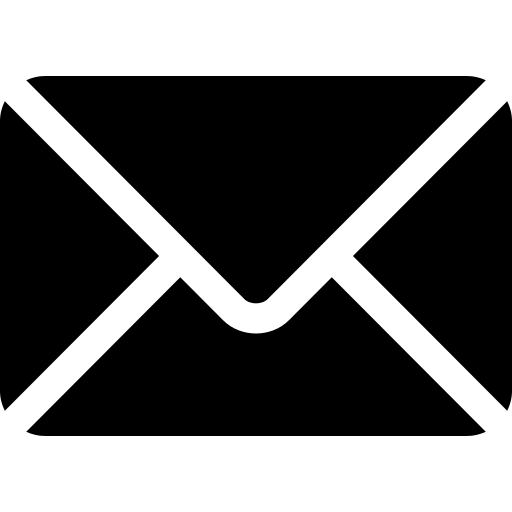
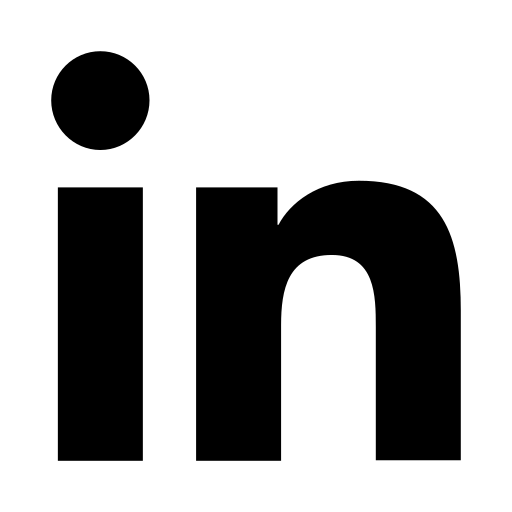
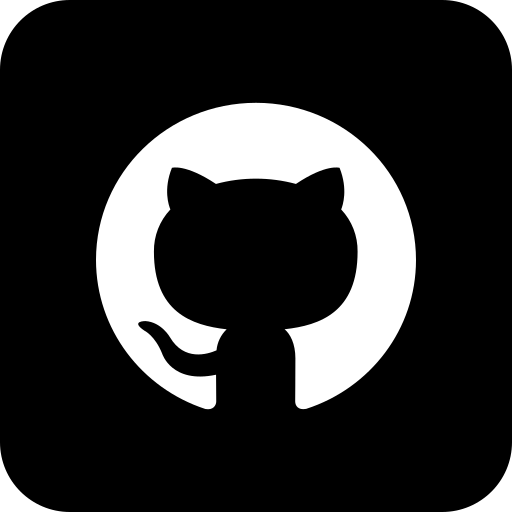
Ahmed Abdelmonem Abdelhalim

Junior Data Analyst & BI Developer

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# Summary

**Data Analyst & BI Developer** with a strong foundation in Computer Science. Passionate about providing meaningful business insights and supporting informed decision-making. Proficient in **SQL, Python, Excel, Power BI and BI tools to extract, transform, load and analyze data.** Skilled in creating **interactive dashboards** and reports that deliver actionable insights to stakeholders.

**Education**

**Bachelor of Computers and information, Computer Science major** [**MTI University**](https://www.mti.edu.eg) **Sep 20 |** **July 23**

**• Graduation Project:** Digital Image Restoration Using Regularization Filter using Python.

# Experience

**Data Analyst Intern** **Agouza Rehabilitation&Rheumatology** **Center(****ARRC)**  **Dec 24 | Jan 25**

**Technologies:** (Python, Excel, Power BI)

* Patient satisfaction survey **analysis** of outpatient services.
* Help **providing meaningful insights** about patients satisfaction.

[**Projects**](https://ahmedabdelmoneim22.github.io/index/)

[**Preview Portfolio**](https://www.datascienceportfol.io/ahmedabdelmoneim260)

## **(1)** [E-commerce Database Management System:](https://drive.google.com/file/d/1C_ovhbQPQwbY-USdj9zZ7N7RPtcYiiUd/view) Using SQL Server, SSIS, SSAS & SSRS

* Created (**DBMS**) project, including Entity-Relationship Diagram (**ERD**) and Mapping.
* Used **SQL** for implementing **OLTP**, and **Datawarehouse** **OLAP** components.
* Managed challenges related to **data integration**, scalability, and complex data transformations.
* Used (**SSIS**) for seamless data extraction, transformation, and loading processes.
* Used (**SSAS**) to make **cubes** and (**SSRS**) to provide intuitive **insights** and **reports** for end-users.

**(2) Brazilian eCommerce Analysis Project Using Power BI:** Developed interactive Power BI dashboard to analyze

eCommerce data, uncovering insights into customer behavior, sales performance, and product trends. [Preview Project](https://drive.google.com/file/d/15fRoUoK80HZ00tVDUa6X1bfPhhaMijro/view?usp=sharing)

**(3) Supply Chain Analysis Project Using Power BI:** Developed interactive Power BI dashboard to analyze Supply Chain

data, analyze procurement, inventory, and distribution data. [Preview Project](https://drive.google.com/file/d/1hUy5KEUbTXqKV2uv7E1UP0Rx3rLssbji/view?usp=sharing)

**(4) Nespresso CRM Analysis Project Using Power BI:** Developed interactive Power BI dashboard to analyze CRM data,

help in enhancing sales strategies and making data-driven decisions. [Preview Project](https://drive.google.com/file/d/1uxnfYc2SpNrMtO2ZmSsidLX89cbAnOZk/view?usp=sharing)

**(5) Human Resources Analysis Using Power BI:** HR Analysis using Power BI to extract actionable insights from HR data,

enabling organizations to make data-driven decisions on workforce trends and employee performance. [Preview Project](https://drive.google.com/file/d/1dgi46MXgDSm-pNnFzfZ7FMZnMB_-zLEc/view?usp=sharing)

## Technical Skills

* **Technologies:** (SQL Server, Visual Studio, Power BI, Excel, PyCharm, Subline and Project Jupiter)
* **Data Analysis & BI Tools:** Power BI, Excel, DAX, SSAS
* **Programming Languages:** SQL, Python (Pandas, NumPy, Matplotlib, Tkinter, OpenCV), C++
* **ETL & Data Warehousing:** Data Sources, SSIS, Power Query, Data Warehouse Modeling
* **Database Management:** SQL Server, T-SQL, Database Design, SQLAlchemy & SQLite
* **Web Scraping:** HTML & CSS, Python (BeautifulSoup, Requests, Selenium WebDriver)
* **Software Development:** Object-Oriented Programming (OOP), GUI (Python Tkinter)

# Certificates

* Data Literacy Essentials - **SAS Institute**
* Artificial Intelligence (60 hrs.) - **ITI**
* 100 Days of Code: The Complete Python Pro Bootcamp for 2023 – **Udemy**
* Database and SQL Fundamentals – **ITI**
* Microsoft Power BI Data Analyst Professional Certificate – **Coursera**
* BI Essentials for Finance Analysts (Power BI Edition) Specialization – **Coursera**