

Mohamed Helmy

● medohelmy944@gmail.com

● menofia – Egypt

● [LinkedIn Profile](#)

Career objectives

- Ungruadate 3-rd year student specified in electronic engineering with a strong focus on AI and Data Science .Seeking to leaverage my technical skills and internship experiences to contribute to innovate in tech industry .

Technical Skills

- Programming language since 2022
C++, Sql server, MySQL and python languages
- Libraries and tools
Pandas, Numpy, Sckit Learn, Matpltlib, Seaborn and Plotly.
- Soft skills
Problem-solving, teamwork, communication.

Internships Experience

Actively taken part in Digital Egypt Pioneers Initiative (DEPI), AI Track – IBM Data Scientist . (June, 2024 - October, 2024)

- Engaged in hands-on projects involving Data science and Machine learning projects.
- Developed skills in **Python, SQL server, Data cleaning , Data visualization** and **Machine learning** .
- Working on real-life projects, including car price prediction and **Heart Attack Risk Prediction (Final Project in DEPI)** .

Actively taken part in HCIA AI Course presented by Huawei Academy

- Engaged in hands-on projects involving AI and Machine learning projects.
- Developed skills in **Python** and **Machine learning** .

Projects

• Heart Risk Attack Prediction

- ✓ Developed a machine learning classification model to predict heart attack risk.
- ✓ Processed and cleaned raw data to prepare it for analysis.
- ✓ Performed **Exploratory Data Analysis (EDA)** and created visualizations using **Matplotlib, Seaborn, and Plotly**.
- ✓ Conducted **feature engineering** to improve model performance.
- ✓ Trained and evaluated models using various algorithms to select the best-performing approach.
- ✓ Deployed the final model using **Streamlit**, creating an interactive user interface for predictions.

[[Link](#)]

Languages

- English (Professional level).

Extracurricular Activites

- Participant in ECPC 2024 , honing competitive programming competition.