Mostafa Farag Abdelwahed

Data Scientist | Machine Learning Engineer

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Education

Bachelor student Artificial Intelligence department, faculty of information technology, Misr university for science and technology 2022 – present

Technical Skills

Programming language: Python | C++ | PHP

Frameworks Libraries: Pandas| Numpy | Matplotlib |Seaborn |Plotly |Bs4 |Requests |Steamlit |NLTK |Laravel|Bootstrap|Scikit-learn |

Tools: Git | Github

Concepts: Software Engineering | OOP | Data Structure | Linear Algebra | Data Engineering | MYSQL | Machine Learning | Basic Deep Learning | Basics Natural language processing

Projects

APPLE-Stock-Price-Prediction 🔗
- 5-year analysis of Apple Inc.'s stock data, incorporating advanced machine learning techniques to predict trends and provide actionable insights.

Student Mental Health Predictor 🔗
- A machine learning project aimed at classifying student mental health status to support early intervention and well-being.

Heart-Failure-Risk-Prediction 🔗
- A machine learning project predicting the 10-year risk of heart failure using factors like blood pressure, age, and diabetes to aid early intervention

Breast-Cancer-Classification 🔗
- A machine learning medical diagnostics, focusing on breast cancer detection while emphasizing feature engineering and model interpretability for clinical use.

Protease-Inhibitors-Bioactivity-Prediction 🔗
- A machine learning project focusing on proteases, leveraging their therapeutic importance in diseases like coronavirus, with ChEMBL data as its foundation.

Medical-insurance-Predictions 🔗
- A machine learning project analyzing factors influencing healthcare costs to support fair policy design and informed decision-making

Trigram-Predictive-Model 🔗
- A Python-based trigram model utilizing collections and math for word prediction and perplexity calculations, featuring autocomplete functionality and a user-friendly Streamlit interface

Certificates

- Artificial intelligence and Data Science | Optical Soft

- Machine Learning for Quant Finance and Algorithmic Trading| Udemy

- AI Development Bootcamp and Certification |Udemy