Sara Abdelazim
Data Scientist

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in https://www.linkedin.com/in/sara-motamed   ⍟ https://github.com/sarax0

🔗 https://sarax0.github.io/portfolio/data-science

EDUCATION

Master of Computer Engineering / Data Science and Artificial Intelligence, *University of Ottawa*	Feb 2023 – Feb 2024
Intensive Code Camp / Business Intelligence, *Information Technology Institute (ITI)*	Nov 2022 – Mar 2023
Bachelor of Computer Science and Artificial Intelligence / Medical Informatics, *Beni Suef University*	Oct 2018 – Jun 2022

PROFESSIONAL EXPERIENCE

NLP Engineer, *Wakeb Data*   Oct 2023 – Feb 2024

Developed an AI system for detecting artificially generated text for a Master's graduation. 🔗

PROJECTS

Bay Clinic Appointment Prediction (R) 🔗   2023

Predict patient no-shows at a 3 million patient visit medical center, improving appointment scheduling efficiency.

Drug Reviews - NLP (Sentiment Analysis and Classification) (Python) 🔗   2023

Sentiment Analysis and Classification. Analyzed drug reviews to identify reviewer opinions sentiment and classification model to categorize drug types.

Distributed Denial of Service (DDoS) attacks Prediction (Python) 🔗   2023

Developed and evaluated Machine Learning models for DDoS attack prediction. With Linear Discriminant Analysis (LDA) as baseline model, and Random Forest Classifier as advanced model.

SKILLS

Programming: Python, R, C#

SQL, MSBI: SSIS, SSRS, SSAS

NoSQL: Spark, Cassandra, MongoDB, Microsoft Azure

Data Visualization, Power BI, Tableau, Microsoft Excel

Data Science: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Keras, Streamlit, Hugging Face

RELEVANT COURSEWORK

Understanding Cloud Computing, *DataCamp*	2023
Introduction to R, *DataCamp*	2023
Introduction to Natural Language Processing in Python *DataCamp*	2023
Communicating Data Insights, *DataCamp*	2023
Introduction to Deep Learning with Keras*, DataCamp*	2023

REFERENCES

Available upon request.