Mohammd Ashraf Elbahiri

Machine Learning Engineer , Data Scientist

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Profile

Accomplished **Machine Learning (ML) and Deep Learning (DL) Engineer** with a solid foundation in developing scalable, efficient ML models and algorithms. Proficient in Python, with extensive experience in data processing, model optimization, and deploying AI solutions. Knowledgeable in integrating machine learning algorithms into applications and optimizing their performance. Familiar with **agile methodologies** and project management. Seeking a challenging opportunity in a dynamic organization to apply ML/DL expertise and contribute to innovative AI-driven projects.

Education

Bachelor Of information technology - Mounfia University 2020 – 2024
Faculty of Computer and Information Science
GPA: 2.87/4.0

Diploma at Microsoft machine learning
Road masr elraqamya

Projects

traffic jam
- **Too many cars** on the road.
- **Accidents** or road blockages.
- **Bad traffic lights** or confusing roads.
- **Not enough lanes** for all the cars.
- **Driving problems**, like speeding or not following the rules.

Skills

Programming Languages:
python

Deployment and Productionalization:
Model Deployment

Model Evaluation and Tuning:
Cross-validation,Hyperparameter tuning,Accuracy, Precision, Recall, F1-Score

Data Preprocessing:
Feature Engineering , Data cleaning ,Normalization/Standardization

Cloud Platforms :
AWS, **Azure**

Natural Language Processing (NLP) :
Techniques for processing and analyzing text data, such as **tokenization**, **stemming**, **word embeddings**

Libraries and Frameworks:
Scikit-learn (traditional ML algorithms) , Pandas (data manipulation), NumPy (numerical computations), **Matplotlib** and **Seaborn** (data visualization)

Machine Learning Algorithms:
- **Linear Regression**, **Logistic Regression**, **Decision Trees**, **Random Forests**, **Support Vector Machines (SVM)**, and **K-Means Clustering**.
- **Deep Learning** algorithms such as **Neural Networks**, **Convolutional Neural Networks (CNNs)**, **Recurrent Neural Networks (RNNs)**, and **Generative Adversarial Networks (GANs)**.

Languages

Arabic
Native

English
Fluent