NEDAL Al TITI

Data Scientist / Machine Learning Engineer

Professional Summary

Driven Data Science with a passion for transforming complex data into valuable insights that drive business success. Staying up-to-date with the latest tools and techniques in the field, bringing fresh ideas and innovative solutions to the team. Leveraging expertise in statistical methodologies and programming languages, adding value to the company and making a meaningful contribution to the shared goals.

Education

2022-10 - Current

Master of Science: Artificial Intelligence and Robotics

University of Jordan - Amman, Jordan

2015-10 - 2020-06

B.SC Degree: Mechatronics Engineering

University of Jordan - Amman, Jordan

Work Experience

2023-02 - 2023-04

Data Science Trainee

Orange, Amman

2021-07 - 2022-10

Business Analyst

Shahid Alkhaleej Group, Abu Dhabi

2020-08 - 2021-07

Mechatronics Engineer

Al Arabia (Juma Al Majid Holding Group), Abu Dhabi

Projects

Orange FTTH Customers Churn Prediction

- Led a team of 3 data scientists in a capstone project to predict customer churn for FTTH orange customers using a real-world dataset.
- Performed data visualization using Tableau, data preparation and cleaning, handling imbalance, skewness and outlier, feature selection and engineering.
- Built and evaluated various machine learning models, such as logistic regression, random forest, and XGBoost, and selected the best one based on appropriate metrics.

Contact

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LinkedIn

GitHub

Soft Skills

Communication
Presentation
Project Management
Effective Teamwork
Problem Solving
Continuous Learning

Software

Python OOPs
Tableau
Power BI
Scikit-Learn
Keras & Tensorflow
Pytorch
PostgreSQL
Mongodb
FastAPI
Docker
OpenCV
C++
MATLAB
Git & Github

Languages

English
Arabic

- Deployed the final model as a simple UI using Docker and FastAPI and documented the code and results on GitHub. (https://orange-fiber.netlify.app/)

Titanic Survival Prediction | Kaggle

- Participated in a Kaggle competition to predict the survival of Titanic passengers using a machine learning model
- Performed data cleaning and feature engineering to prepare the data for modeling
- Applied XGBoost algorithm and achieved 83% accuracy on the test set
- Created a pipeline to automate the data processing and modeling steps
- Developed a user-friendly interface for the model using Docker and FastAPI and shared the code and results on GitHub (https://wouldisurvivetitanic.com/)

Fashion MNIST | Kaggle

- Developed a deep learning model using TensorFlow/Keras to classify images of clothing items into 10 categories from the Fashion MNIST dataset
- Tuned the model parameters, such as optimizer, activation function, and learning rate, to improve the model performance
- Achieved over 90% accuracy on the validation and test sets
- Saved the model and its weights for future use and deployment
- Documented the code and results on GitHub and presented the findings in a report

Certifications

Business Analytics Nanodegree Program - Udacity

Data Analysis and Visualization - Power BI Nanodegree - Udacity

Advance Machine Learning - Shai

Data Science - Dataquest

Deep Learning - Shai

Data Analysis and Machine Learning - Shai

Computer Vision - Shai

International Certificate in Occupational Health and Safety - Nebosh