REEM FADLALLAH

Motivated Data Scientist, Interested in the world of data, and excited to work on models that fixes problems .Relevant skills include problem solving, programming and creative thinking.

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Courses

- Course1 Machine Learning (Andrew Ng)
- Deep Learning and neural networks(Andrew Ng)

Skill Highlight

- Python/C++
- Machine Learning
- Data Analysis
- Problem solving
- Communication Skills
- Team work

Webinars

Introduction to Data Analysis

Center Mine

Languages

Arabic –Native

English-Professional

Education

- ✓ Bachelor in data science, faculty of information 2023-2024
- ✓ High school certificate in life science Bent-Jabil high school 2021

Internship

Using faster RCNN to predict the layout of newspapers, then augment OCR

-First I accessed the archive of the newspapers website, and performed Data Scraping to get papers from 1975 to 2015, and performed annotation

- After that I performed Images preprocessing (Using **Pytorch**) to transform the images into the required scale and shape accepted by the trained model.

- Then I trained the model with different hyperparemeters (epochs, learning rates, batch sizes and optimizer), to get the best results with the lowest error.

- Finally I used an OCR model in order to extract the text from the newspaper and save it into a text file.

Projects

Machine learning project

Finding the best fitting model for the downloaded vehicles dataset, after performing data exploration, cleaning, analysis and visualization to choose features with highest effect on the price, using python libraries as numpy, pandas, Scikit- learn, and Matplotlib

Data Analysis with Python

Data Downloaded from kaggle, was cleaned using python, then the data was plugged to tableau, and a beneficial dashboard was created to visualize the results.

Machine learning classification project (Classifying poisoning &safe mushrooms)

After performing data collection, and EDA, he model was trained on three different algorithms (decision tree, logistic regression and naive bayes classifier) I used confusion matriz,f-1 score and ROC curve auc to evaluate the algorithms.