**Nawar Sobeh**

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**EDUCATION**

**Tishreen University | *Faculty of Informatics Engineering***

09/2021 – Present | Latakia, Syria

**SKILLS**

**C++ -** OOP – Data Structure – Algorithms.

**PYTHON -** NumPy- pandas- Scikit-learn .

**Dart** – OOP.

**Microsoft Power BI.**

**Data Analysis Phases.**

**Machine Learning Fundamentals.**

**PROJECTS**

**Predicting-Hazardous-NEOs-Nearest-Earth-Objects:**

Processed a real-world dataset tracking NEOs observed by NASA from 1910 to 2024, consisting of 338,199 records. Conducted data cleaning and exploratory data analysis (EDA) to prepare the dataset for modeling.

**Task:** Trained a machine learning model to predict whether an NEO is hazardous.  
**Result:** Developed and trained a Random Forest model, achieving 91% accuracy in hazard prediction, enhancing insights into space object monitoring.

**E-commerce-Customers-Segmentation**

Conducted data cleaning and EDA to analyze customer behavior patterns, uncovering groups with similar behaviors to support targeted coupon strategies aimed at enhancing loyalty and satisfaction. Created a Power BI dashboard to visualize customer segments and insights for stakeholder decision-making.  
**Result:** Built and trained an unsupervised clustering model, achieving a silhouette score of 0.5, effectively segmenting customers and guiding marketing strategies through an interactive dashboard.

**CERTIFICATES**

**Data Science and Machine Learning Certificate -** Microsoft Student Club EELU , Issued October 2024Covered Data Analysis Phase

NumPy, Pandas & Matplotlib

PowerBI & Presentation Skills

Mathematics & Statistics Fundamentals

Machine Learning Fundamentals.

**Supervised Machine Learning: Regression and Classification –** **DeepLearning.AI** Taught by Andrew Ng (Stanford University)

Coursera | Non-Credit Certificate| IssuedNov, 17, 2024

Certificate: coursera.org/verify/LSOADRE204CK