BOUASKAOUN MOHAMMED

Machine Learning Engineer | Data Scientist

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PROJECTS

Football Player's Market Value

- Developed a machine learning model to predict the market value of soccer players based on various features such as age, position, and performance metrics. Utilized feature selection techniques to identify the most important features for prediction.

Car Price Prediction

- Developed a machine learning model to predict the price of used cars based on various features such as price, fuel type, and year. Utilized feature selection techniques to identify the most important features for prediction.
- Created an API with FastAPI, after creating the interface with the help of Streamlit.

Telco Customer Churn

- Build a model to predict how likely a customer will churn by analyzing its characteristics.
- The objective is to obtain a data-driven solution that will allow us to reduce churn rates and, as a consequence, to increase customer satisfaction and corporation revenue.

Fraud Detection

- Implemented an anomaly detection system for detecting fraudulent transactions in real-time, using unsupervised learning and deep learning techniques.

Arabic Handwritten OCR

- Developed an optical character recognition system for handwritten Arabic text using convolutional neural networks (CNNs). Utilized data augmentation techniques to increase the size and diversity of the training dataset.

Sales Analysis

- Analyzed sales data using Power BI to identify trends and patterns.

WORK EXPERIENCE

Bachelor End of Study Internship

Province Chichaoua

📅 Apr 2021 – Jun 2021 📍 Chichaoua, Morocco

- Developed an Integrated Management System for the communication of the province using Angular and Spring Boot.

EDUCATION

Master Degree in Data Science

Faculty of Sciences and Technologies Marrakesh

📅 September 2021 – August 2023

Bachelor Degree in Computer Science

Faculty of Sciences and Technologies Marrakesh

📅 September 2017 – June 2021

SKILLS

Programming

- Python, JavaScript, SQL

Machine learning libraries

- Scikit-learn, TensorFlow, Keras

Data manipulation and visualization Tools

- Pandas, Numpy, Matplotlib, Seaborn, Power BI

CERTIFICATION

Deeplearning.Ai, Coursera

- Machine Learning Specialization

LANGUAGES

Arabic
English
French