Abdelrhman El Masry

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WORK EXPERIENCE

Actuary / Data engineer   **CAAREA - April 2023 - present**

– Creation and automation of reports (BI)

– Pricing new business from Asia, Europe and South

– Profitability studies

– Creation of databases, UML, data selection, tables connexions

– Participation in the creation of new insurance products: modeling and pricing

Business Developer   **Mano Bat - April 2022 - October 2022**

– Prospected new clients

– Conducted market analysis to identify opportunities

– Assisted in managing existing client relationships

PROJECTS

House Pricing Prediction Model in Python

- Data cleaning - Feature selection - Model selection - Hyperparameter tuning

Model for clothing classification from images

- Data preparation - Building a neural network - Model training - Model evaluation

LSTM for Asset Price Prediction in Python

- Data processing - LSTM modeling - Model evaluation - Hyperparameter tuning

Creation of a Dashboard for Analyzing Road Accident Data (Power BI)

- Data cleaning - Creation of key indicators - Graphial visualization - Dashbord design

EDUCATION

Master degree in Applied Mathematical Engineering for Finance
2021 - 2024, CY-TECH, Cergy

Bachelor's Degree in mathematics
2019 - 2021, CY Cergy - Paris université

Preparatory Classes for engineering school (MPSI/MP)
2019 - 2021, Lycée Albert Schweitzet, Le Raincy

SKILLS

Programming :	Python, SQL, C++, R, Java, VBA
Tools :	Power BI, Azure, Mysql, Oracle, Excel
Field :	Big data, Machine Learning (Scikit Learn / TensorFlow), Data science, Insurance
Soft Skills :	Adaptation, Communication, Organisation