





Abdelrhman El Masry

 Abdelrhman El Masry |  elmasryabb@cy-tech.fr |  06 51 36 63 34
 <https://sites.google.com/view/abdelrhman-el-masry>

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

Buisness 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