Abdelrhman El Masry

in Abdelrhman El Masry | ✉ elmasryabb@cy-tech.fr | ▪ 06 51 36 63 34

🔗 https://sites.google.com/view/abdelrhman-el-masry

WORK EXPERIENCE

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

- – Creation of databases, UML, data selection, tables connexions
- – Creation and automation of reports (BI)
- – Pricing new business from Asia, Europe and South America
- – Participation in the creation of new insurance products: modeling and pricing

Mathematics Teacher   **November 2021 - April 2023**

- – Adapt the way of teaching to the student
- – Advice student on the different educational pathways

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