

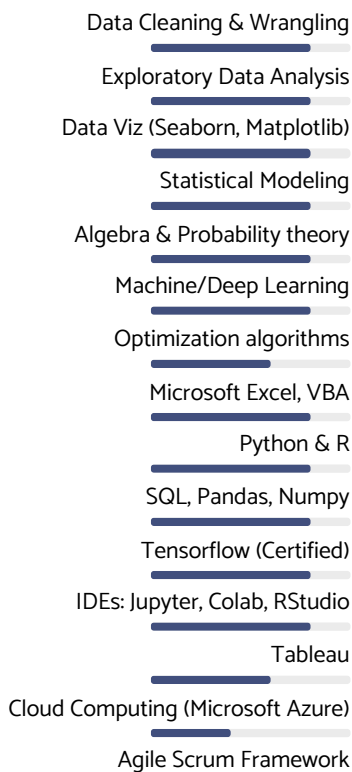
ANAS HAMOUTNI

Data Scientist, ML Engineer, Data Analyst

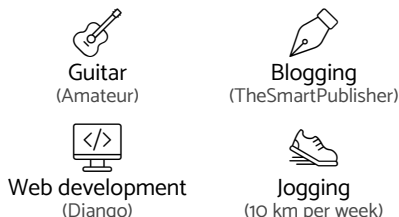


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[GitHub \(/anashamoutni\)](#)
[Kaggle \(/anashamoutni\)](#)

SKILLS



HOBBIES



LANGUAGES

English C1 (EF SET Standard Test 63/100)
French bilingual
Arabic native speaker

ABOUT ME

A highly motivated Data scientist with 2+ years of experience. Passionate about data modeling, my relevant skills include machine learning, problem-solving, programming, and creative thinking.

WORK EXPERIENCE

Data Scientist | Actuary - Société Centrale de Réassurance - CDG subsidiary, Casablanca, Morocco

February 2021 - present

Main tasks:

- **Data Analytics :**
 - **Analysis of** reinsurance **business data** received from international brokers (CIMA and MENA regions) in order to assess risks and make **data-driven decisions**.
 - Development of an **interactive dashboard** for the Life division, using **Tableau software**, in order to monitor the **KPIs** of the Life portfolio.
- **Data Science :**
 - Development of a **medical scoring application** for the **substandard risk entity** of the Life division.
 - This application was built using **R (Tensorflow)** and **Excel** and relies on a **Deep Neural Network** as a prediction model.
- **Commercial part:**
 - Exchange with international brokers regarding new business opportunities.

EDUCATION

Engineering degree, National Institute of Statistics and Applied Economics, Rabat, Morocco

September 2015 - August 2019

- Major in **Actuarial Science** and **Quantitative Finance**.

CPGE (Preparatory classes), Moulay Youssef High School, Rabat, Morocco

September 2011 - July 2014

- Major in **Maths & Physics**.

INTERSHIPS

Graduation project in Statistical Modeling - The Moroccan Pension Fund, Rabat, Morocco

March - July 2019 (5 months)

- **Modeling** and **projection** of the active/retired population as well as the **forecast of the Fund's equilibrium indicators** for the **2030 horizon**. Tools used: **R, Excel, VBA**.

Data Analyst - The Moroccan Supervisory Authority of Insurance and Social Welfare, Rabat, Morocco

July - September 2018 (3 months)

- **Development of a dashboard (Excel)** providing a summary of the risk profile of each insurance company in Morocco.

PORTFOLIO PROJECTS

S&P 500 index forecasting using various Time Series models (AR, ARIMA, LSTM...).

Image Resolution Upscaler based on Generative Adversarial Networks (SRGAN).

Real Time Face Detection using Tensorflow and OpenCV.

Multilingual Text Summarizer using Natural Language Processing models.

Self-improving Chatbot based on Reinforcement Learning.