

MOHAMED ELHILAL TEKOUK

DATA SCIENCE STUDENT



Contact

Phone

0793408470

Email

mohamedelhilaltekouk@gmail.com

Linkedin

linkedin.com/in/mohamed-elhilal-tekouk-925933223

KAGGLE

kaggle.com/mohamedelhilaltekouk

Adresse

Mohammadia Mascara

Skills

- Rstudio(tidyverse,Rmarkdown,tidymodels)
- Data Manipulation(tidyverse,xts and zoo)
- Data visualization(ggplot,interactive map with Leaflet)
- Web Scrapping (elementary level)
- Probability and Statistics
- Python(pandas and matplotlib)
- Office tools

About Me

I am currently pursuing a major in Statistics and Data Science at ENSSEA (Higher National School of Statistics and Applied Economics). My coursework extensively covers areas such as statistics, data analysis, and machine learning. Through this program, I have gained valuable experience working with various datasets and have successfully completed projects utilizing both R and Python programming languages.

Education

- 2021-2024** preparing my master's degree in data science at the national school of statistics and applied economics
- 2021** Obtaining my first choice in the National Competition for Access to higher Schools
- 2019-2021** 2 years in a preparatory cycle in economic and commercial sciences at the higher school of management and digital economy
- 2019** Bac degree in experimental sciences, with honors

Experience

- Co-founder of Protech (scientific club at ENSSEA)
- Winning the 2023 Open Data Hackathon competition
- Discovery internship at the company Algérie Télécom Satellite ATS
- Discovery internship at the company Algérie EURL PROSHIELD

Project

Predictive model of SBA loan default

This study is about analyzing data from the United States Small Business Administration (SBA) that gives banks guarantees to give loans to startups. There have been many success stories of start-ups receiving SBA loan guarantees such as FedEx and Apple Computer. However, there have also been stories of small businesses and/or start-ups that have defaulted on their SBA-guaranteed loans. So our job is to find the loan that the owner can not repay to reject that loan and find the loans that the owner can pay to accept it, and the way to do that is by building a model that can predict default in loan.

Language

العربية 
English 
Frensh 

Certificats

- **DATA CAMP** : Time Series Analysis in R
- **DATA CAMP** : Tidyverse
- **DATA CAMP** : Understanding Data Science
- **DATA CAMP** : Modeling with tidymodels in R
- **KAGGLE** : Machine Learning

Interests

- History
- Arabic poetry
- Technology

Predictive model of AUTOONE's Car Prices

In this project, I made a predictive model for autoone's purchase prices. The company buys cars and resells them. It is one of the largest companies in Germany and the world. I have created a model that enables the company to predict car prices, and this matter helps decision makers in companies to know what type of cars achieve more profits and what cars should be avoided.