

MELLOUK ANESS

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SKILLS

- **Programming** : R (tidyverse, tidymodels), Python (Numpy, Pandas, Matplotlib), SQL (Query Optimization, CTE's, ..etc.)
- **Software** : Power BI, Excel, Git, GitHub, Vim

EDUCATION

Higher School of Statistics and Applied Economics | Kolea, Algiers

September 2021 – June 2026

M.S. Statistics and Economic Foresight, Certificate: Statistics

Relevant Coursework: Deep Learning (MLP, CNN, RNN, LSTM), Machine Learning (Logistic Regression, KNN, Decision Trees), Econometrics, Time Series, Data Analysis (PCA, Factor Analysis), Foresight

Clubs & Organizations: Co-Founder @Protech, Weighted Calisthenics Athlete

EXPERIENCE

Institut d'Études Algériennes: Junior Data Analyst *[start date – end date]*

- I Get the Data from Kaggle, it has more than 90.000 Observation
- Performed an Exploratory Analysis where I was able to the understand the relationships and the patterns between the variables and how they correlate with the credit score
- I made a feature engineering in to prepare the data for the modeling phase
- I used Random Forest which gave me an accuracy of 75%

PROJECT WORK

Credit Score Prediction:

- I Get the Data from Kaggle, it has more than 90.000 Observation
- Performed an Exploratory Analysis where I was able to the understand the relationships and the patterns between the variables and how they correlate with the credit score
- I made a feature engineering in to prepare the data for the modeling phase
- I used Random Forest which gave me an accuracy of 75%

Tesla Stock Market Price Prediction:

- I got the Tesla Weekly Stock Price dataset from yahoo finance
- I performed a time series exploratory analysis to capture any trends, raptures or any seasonal patterns
- I performed the ADF test on the serie, and I found it to be non stationary
- I used AR, ARMA and ARIMA model to predict the Tesla stock price and found ARIMA to be the best one

COURSES AND CERTIFICATES

- **DataCamp:** Data Analyst with SQL, Python Fundamentals
- **Coursera:** Linear Algebra for Machine Learning, Statistics for Machine Learning