Mariem Bouhadda

23 years old
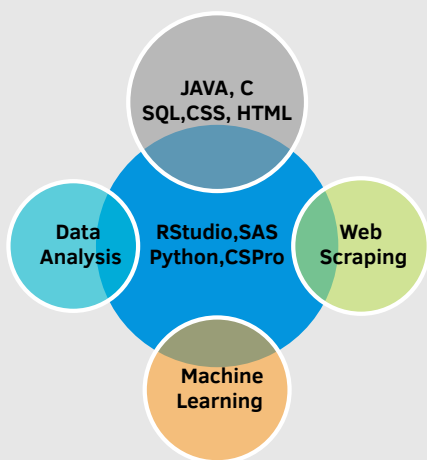A Statistics and Data Analysis Engineering Student

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in /in/mariem-bouhadda

Technical Skills

Soft skills learned

- **From Weight lifting**
  - **Consistency,dedication**
  - **The value of pain**
  - **Self discipline**
- **As a Responsible for communication in the "Stats Revolution Club"**
  - **Leadership**
  - **Teamwork**
  - **Effective Listening**

Education

2016 - 2019 · **Higher School of Statistics and Data Analysis - Tunis (ESSAIT)**

Main focus on a 3 axis curriculum :
- Theoretical and Applied Statistics
- Computer Science
- Economics and Finance

2014 - 2016 · **Preparatory Institute for Engineering Studies of Tunis**

- Mathematical Physics (MP)

2010 - 2014 · **Ibn Khouldoun Hight School**

- Bachelor's Degree in Mathematics With highest honor.

Internships

July - August 2018 · **Tunisian Foreign Trade Data** · OpenWay
- Web Scraping: building a Web app in R that scrapes Tunisian trade data based on user's input.
- Cleaning Data

June -August 2017 · **Survey Projects** · One To One
- Developing data entry Applications using CSPro
- Cleaning and analyzing data using SPSS and Excel
- Sampling

Projects

Machine Learning project : Binary Classification of Breast Cancer

Creating a Shiny Web application that visualizes :
- Univariate and Bivariate Analysis.
- Compares different classification models in terms of accuracy and ROC curves.

Stock Market Modeling and Forecasting

- Studying the ARCH and GARCH models from a theoretical and practical point.
- Applying forecasting models to predict the variance of CAC 40 stock indices.
- Comparing the forecasts using multiple statistical tests.
- **Tools**: R, EVIEWS

Image classification

- Explored image classification using Convolutional Neural Networks on the "Dogs vs Cats" dataset using Tensorflow.

Certifications

- Training course of : Self development and public speaking skills.
- TOEIC Listening and reading Test : 795 / 990
- Voltaire Certificate: Measures the mastery level of writing in French. (Business Level)
- First Aid certificate from the Tunisian Red Crescent : LEVEL 1 .

Languages

- English , French , Arabic , Spanish