

# Rabii BOUHESTINE

## Data Scientist | BI Analyst

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## SKILLS

Machine Learning	Feature Engineering, Regression, Classification, Clustering, Anomaly Detection, Deep Learning
Data Analysis	Data cleaning, Data visualization, Exploratory data analysis, Hypothesis Testing, A/B Testing
Programming	SQL, Python (Scikit-learn, Numpy, Pandas,...), R (data.table, caret, shiny, ggplot2,...), C#, Java
Technologies	Jupyter Notebook/Lab, Tableau, Visual Studio Code, Atom, R Studio, Git, MySQL, MS Office

## EXPERIENCE

To date  
July 2018

### Data Analyst - BI Analyst, D-AIM, Tunis

- > Pioneered the use of automated reporting dashboards.
- > Designed, implemented and analysed marketing KPIs.
- > Processed, cleaned, and verified the integrity of data used for analysis.
- > Designed and implemented various ML models to predict telecom customers behavior.
- > Optimized internal machine learning packages and workflow.
- > Provided R Shiny programming tutoring for coworkers.

Python SQL Tableau R R Shiny Git MySQL GitLab SonarQube Google Cloud

June 2018  
January 2018

### Data Analyst, QUANTYLIX, Tunis

- > Scrapped Football betting odds offered by Pinnacle's API into MySQL database.
- > Designed and implemented Football odds forecasting using Machine Learning algorithms.
- > Used the forecasting model to design, develop and deploy an automated betting bot.

Pinnacle API R dplyr ggplot2 caret FactoMineR factoextra Weka MySQL PuTTY

## PROJECTS

### CORONAVIRUS DISEASE (COVID-19) DASHBOARD

[github.com/datasets/covid-19](https://github.com/rabiibouhestine/covid-19)

Visualising the worldwide situation of Covid-19 using aggregations of data provided by Johns Hopkins University.

Tableau Covid-19 Data Visualisation Dashboard

### 2019 DATA SCIENCE BOWL (KAGGLE DATA SCIENCE COMPETITION)

[github.com/rabiibouhestine/data-science-bowl-2019](https://github.com/rabiibouhestine/data-science-bowl-2019)

Ranked in the **top 11%** worldwide by using a Gradient Boosting Regressor and an optimised rounder.

Kaggle Python Scikit-learn Numpy Pandas Gradient Boosting

### TWITTER ANALYSIS (NLP WEB APPLICATION)

[github.com/rabiibouhestine/R-Shiny-Twitter-Analysis](https://github.com/rabiibouhestine/R-Shiny-Twitter-Analysis)

Twitter Analysis is an R Shiny app that allows users to generate NLP reports about a Twitter account or a Hashtag.

NLP R R Shiny Twitter API Sentiment Analysis Data Visualisation Word Cloud HTML

## EDUCATION

- 2018 National Engineering Diploma in Data Science, Higher School of Statistics and Data Analysis of Tunis.
- 2014 National Engineering Schools Contest Admission, Preparatory Institute for Engineering Studies of Tunis.
- 2011 Baccalauréat in Mathematics, Bourguiba Pioneer High School of Tunis.

## </> LANGUAGES

Arabic ● ● ● ● ●

English ● ● ● ● ○

French ● ● ● ● ○