



Salma Bouslama

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🌐 Salma Bouslama

23 years old, a competent engineering student at the Higher School of Statistics and data Analysis of Tunis, having acquired a polyvalent training in statistics, computer science and economics.

Skills

functional

- Data analysis.
- Temporal series, Forecast.
- Econometrics.
- Monte Carlo Methods.
- Quantitative statistics, Bayesian statistics.
- Survey.
- Datamining, ACP/ACM.
- Data visualisation.
- Modelization UML/MERISE.

Technical

- R studio, SAS.
- Matlab, Minitab, Eviews, SPSS.
- JAVA, C, HTML, PHP.
- SQL.
- Latex.
- Microsoft Office.

Ariana, Tunisia

2016 - 2019

Training

Engineering curriculum.

HIGH SCHOOL OF STATISTICS AND DATA ANALYSIS, BAC+5

Ariana, Tunisia

September. 2016 - June. 2019

Preparatory Cycle Mathematics-Physics.

PREPARATORY INSTITUTE FOR ENGINEERING STUDIES OF NABEUL, BAC+2

Nabeul, Tunisia

September. 2014 - June. 2016

Private High School l'Idéal, Nabeul

BACHELOR'S DEGREE IN MATHEMATICS WITH HONORS.

Nabeul, Tunisia

September. 2010 - June. 2014

Internships

The monthly evolution of chicken's production in Tunisia (time series)

2ND YEAR ENGINEER INTERNSHIP

- Descriptive analysis.
- Time serie's study and prior identification of the potential model.
- Prediction.

GIPAC, Tunis

july. 2018 - august. 2018

Keywords: R, Rstudio, Shiny Dashboard, Time serie

Principal component analysis

1ST YEAR INTERNSHIP

- Data gathering: 83 agents from the commercial division for "Cap Bon" agency.
- Principal component analysis for the HR department.

TUNISIE TELECOM, Nabeul

june. 2012

Keywords: R, Rstudio, PCA

Projects

- nov.2018 **Data Mining**, Supervised and unsupervised classification methods and stability evaluation by rank index programming on a bootstrap sampling.
- apr.2017 **Principal component analysis**, Concerning health diagnosis carried out on a sample of patients of different ages and with diverse results. This analysis allows to study the correlation between variables in order to classify patients according the diagnosis.
- oct- **poll on hour's number of sport activities per week**, Preparing an investigation among the target population "sportsmen" to manipulate different methods of sounding.
- dec9.2018 **Bayesian model study**, Meta-analysis with random effects of inactive among active Tunisian population by sex. the article was published on Kaggle.
- mar- **Machine Learning: Analysing clients' solvency**, Un-varied and bi-varied analysis. Constructing predictive models and comparing their performances.
- apr.2018 **Geographic information system**, End-of-the-year project: becoming familiar with the "QGIS" software for geo-referencing, spatial, network analysis and end up with digitization.
- may.2018 **JAVA Swing**, Java application developement: having eight attempts to guess the number desired by the computer.
- oct.2018

Languages

- **Arabic** (native language)
- **French** (spoken and written)
- **English** (spoken and written)
- **Spanish** (basic notion)

Hobbies

- **Sport:** Hiking/Fitness
- **Music:** piano/organ instrument
- **Photography**
- **Cinema**