



# Khaled YACOUBI

MASTER DEGREE IN DATA SCIENCE · INDUSTRIAL ENGINEER

51 chemin des mouilles, Ecully, 69130, Lyon, France

☎ (+33) 62 33 89 58 8 | ✉ khaled.yacoubi@master.ec-lyon.fr | 🌐 khaled-yacoubi

**Competence's area:** Data-mining, Statistics, Modeling, Machine Learning, Artificial intelligence, Supply Chain Management, Lean management, Databases, Programming, Big Data, Information system.

## Education

### Central School of Lyon

MASTER 2 IN DATA SCIENCE

Lyon, France

Sep. 2018 - Present

- Big Data, Data Mining, Machine Learning, Probabilistic Graphical Models, Knowledge Extraction and Artificial Learning, Database Systems, Statistics Applied to Engineering Sciences, Computer Networks.

### National Engineering School of Tunisia

ENGINEERING DIPLOMA

Tunis, Tunisia

Sep. 2014 - 2017

- Operational Management, Supply Chain Management, lean Management, Simulation of Industrial Systems, Data Mining, Project Management, Operational Research, Stochastic Process, Control Management, Financial Engineering, Informational System Engineering.

### Preparatory Institute for Engineering Studies of Tunisia

PREPARATORY CYCLE

Tunis, Tunisia

Sep. 2012 - 2014

- Intense preparation in mathematics and physics for the highly competitive entrance exams to the Tunisian engineering schools – rang = 202/3200.

## Professional Experience

### Attijari Bank

JUNIOR CONSULTANT

Tunis, Tunisia

Oct. 2017 - Sep. 2018

- Digital transformation of Attijari Bank Tunisia: Preparation, planning and design of new processus (Customer relationship & credit management).
- Realizing clients' credit modeling and scoring project
- Contribution in the creating of a the first online Bank in Tunisia : Webank
- Redesign of customer segmentation in collaboration with Business & Decision Tunisia using Clusterin algorithm (via K-means).

### Attijari Bank

END OF STUDIES' PROJECT

Tunis, Tunisia

Apr. 2017, Aug. 2017

- Optimization of the "Consumer Credit" process: Adaptation of the Lean Six Sigma approach and evaluation of the benefits by adopting a BPM solution.

### Pharmaserv Alliance SBN

SUPPLY CHAIN MANAGEMENT INTERNSHIP

Kuala Lumpur, Malaysia

Jan. 2017 - Mar. 2017

- Reducing picking and packaging operations delays in a pharmaceutical warehouse and optimization of merchandise transfer time by using supply chain management theories, numerical simulation with Arena and meta-heuristics.

### Valeo

SUMMER INTERNSHIP

Tunis, Tunisia

June. 2016 - July. 2016

- VSM project: Determination and elimination of the wasting factors of a final assembly line assembly, elaboration of an action plan to optimize production of the line.
- Study of process and machine capability of a new production line.

### National Agricultural Bank

END OF YEAR'S PROJECT

Tunis, Tunisia

Dec. 2015 - May. 2016

- Analysis of the competitive position of the National Agricultural Bank compared to 10 banks listed on the stock exchange in Tunisia by first carrying out an in-depth financial analysis by exploiting financial indicators and then interpreting them using R software.

### Stelia Aerospace

SUMMER INTERNSHIP

Tunis, Tunisia

June. 2015, July. 2015

- Planning of the Aerolean 2015 project by creating the manufacturing orders, the technical data sheets for implementation and validation on EXCEL and then on SAP and rearrangement of the technical department tool cabinet within Stelia.

## Extra-curricular activities

2014-2016 **ENIT Junior Enterprise**, Actif member & project manager

Tunis, Tunisia

2014 **IEEE ENIT Student Branch**, Actif member

Tunis, Tunisia

2004-2010 **Club Africain**, Professional football player

Tunis, Tunisia

## Skills

### Statistics

R, Excel, Weka

### Languages

French (TCF: C1 level), English (TOEIC: score = 860 / 990), German (Basic), Arabic (Native)

### Scripting languages

SQL, PL/SQL, Python, C, C++, Maple, XML

### Modeling languages

UML, Merise, BPM, BPMN, Arena, Simul8, Lingo/Lindo, Cplex

### Big data environments

Hadoop, Spark, SPARQL

### Databases management system

MySQL, Oracle