



# ABDELAZIZ BOUZIANI

## DATA SCIENTIST

### LANGUES

French   
English   
Arabic

### CONTACT

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### PATENTS

Power control - FR3092434  
Energy storage - MA38198

### HOBBIES

gardening - cycling  
hiking - playing music

## PROFIL

I'm a data scientist at Renault group, My job is around the vehicle data starting by data mining, data analysis and elaboration of ML model, and delivering results such dashboards to help the others teams to take the right decisions

## PROFESSIONAL EXPERIENCES

### Renault: Data Scientist

2023-Now

Development of machine learning related to the electrical vehicle

- Predictive model of the fast charge to ameliorate the charge performance
- Predictive model for the electrical consumption and vehicle autonomy
- Estimation of the charge time and the unplugging time

Delivery of data analyses for engineering, product, and quality divisions

- Development of BI dashboards, using SQL pipelines and google looker studio
- Data analytics centered on powertrain data (Charger, Inverter, battery)
- Web scraping to track customer feedback
- The largest electric and hybrid vehicle dataset in Europe

### Renault: Power Electronic Designer

2020-2022

Hardware desing: Charger, Inverter, DC-link capacitor

- Monitoring development between suppliers and Renault teams: Technical specification, supplier meeting's ...

End of line test definition

- Data analysis of the end of line tester of the charger (input: HTML files)
- Verification of the capability of each test and definition of the limits to discriminate the NOK parts

### Alten: Electronic Development Responsible

2018-2020

Power electronic design: Supplier meetings, Technical specification, Validation monitoring: DCDC, DC-box for DC charge

## EDUCATION

### Masters Mobility and Electric Vehicles

2016-2018

Arts et Métiers ParisTech

### Electrical/Automation engineer

2013-2016

Mohammadia engineering school

## SKILLS

#### Data Science

Machine learning: Keras, tensorflow, classification, regression, clustering, NLP, deep learning

#### Data Analytic

Web scraping, BI dashboards, SQL Bigquery, Big data analysis

#### Management

Project management (Planning, Cost, Suppliers discussions)

#### Power electronic

Charger, DCDC, Inverter: Design, Validation

#### Others

HTML/CSS/JS, Python/Jupeter, Git/Github/Gitlabee, C/C++ Arduino, Matlab/Simulink