

# Data Engineer

Five years' experience

Abdellah WADJINNY

Grand Paris - France

+33 6 50 47 70 82

abdellah.wadjinny@gmail.com

French Residency Holder

linkedin.com/in/abdellah-wadjinny

github.com/awadjinn

## Education

2015 – 2019 **Master's Degree in Engineering at École Centrale de Lyon**, *Data Science*, in double degree with École Centrale de Casablanca.

2018 **Machine Learning / Deep Learning course at ENS Lyon.**

2013 – 2015 **Preparatory classes**, *Moulay Abdellah*, Mathematics-Physics.

## Professional experience

July 2021 **Singulier**, *Data Engineer*.

- Present
- Parfums de Marly: Development of a Data Platform integrating data from stores and websites. Creation of customer segmentation for targeted marketing campaigns.  
(Python, BigQuery, SQL, AirByte, DBT, Temporal, Docker, Kubernetes, ArgoCD, GitLab CI/CD)
  - Respire: Implementation of a Data Platform that aggregates B2B and B2C data for analytical purposes.  
(BigQuery, DataFactory, Python, Singer io, Kedro, Pandera, Temporal, Docker, Kubernetes)
  - Affelou: Creation of a Customer Data Platform (CDP) consolidating various data sources. Establishment of datamarts for analytics, reporting and marketing use cases. Integration of GDPR rules. Standardization of customer consents across multiple sources, etc.  
(DataFactory, Databricks, Python, Spark, SQL)
  - MyMobility: Migration of a portion of MyMobility's ERP from Gescar to Odoo while ensuring real-time synchronization of the two systems.  
(Python, Flask, Odoo, Docker, Azure DevOps)

Nov. 2019 **Lyxor Asset Management - Société Générale**, *Data Engineer/Scientist*.

- June 2021
- Create and support solutions for large volumes of data.
  - Build and monitor ESG indicators of Lyxor ETFs such as the carbon footprint.
  - Ensure the analysis, collection, storage and smooth processing of data.  
(Python, SQL Server, Bloomberg)

## Internships & Apprenticeships

Sept. 2018 **Enedis**, *Apprenticeship - Data Scientist*.

- Aug. 2019
- Development of a predictive model to analyze the causes of absenteeism at training sessions.
  - Build a Dashboard for detailed monitoring of absenteeism.  
(JavaScript, PHP, MySQL, HTML and CSS) & (Python, Scikit-Learn, Pandas and Numpy).

May 2018 **CEA Saclay**, *Intern - Python developer*.

- Aug. 2018
- Design and development of a 3D modelling software adapted to the needs of the laboratory :  
article at the **International Conference on Radionuclide Metrology** (Python and PyQT).

## Projects

Nov. 2017 **Amadeus IT Group**, *Applied project*.

Apr. 2018 Development of a social app to alert people with visual impairments of the arrival of their bus.

## IT Skills

### Languages

Python C++ SQL

### Frameworks & Libraries

Flask Spark Pandas Scikit-Learn Odoo Kedro Temporal

### Cloud

Azure DataFactory Databricks GCP BigQuery AWS Athena Redshift

### DevOps

Git Docker Github Actions Gitlab CI/CD Terraform Kubernetes

### DataViz & Tools

AirByte dbt Looker Studio Visual Studio Code

## Languages

**French** Advanced

**English** Fluent

**Arabic** Advanced