

Senior Data Engineer

Six years' experience

Abdellah WADJINNY

French Citizen

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Education

2015 – 2019 **Master's Degree in Engineering at École Centrale de Lyon, Computer Science.**

Professional experience

June 2024 **Carrefour, Senior Data Engineer.**

- Present
 - Designing efficient data pipelines processing several terabytes of data to control the application of pricing defined by the business across all stores, while reducing cloud costs.
 - Developing a Python tool to implement Carrefour's business rules, ensuring price reliability and automating real-time pricing data monitoring.
- (GCP, BigQuery, Looker, Python, SQL, Git, Gitlab CI/CD, Terraform)

July 2021 **Singulier, Data Engineer.**

- May 2024
 - Univet: Development of a Data Platform that aggregates all Univet clinics' data, as well as data from their e-com sites and mobile application, to create analytical dashboards for the various stakeholders and optimize patient follow-up.
- (Python, SQL, DBT, Gitlab CI/CD, Docker, Kubernetes, Athena, Lambda Functions, AirByte)
- 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)
- Afflelou: 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)

Sept. 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).

IT Skills

Languages	Python	C++	SQL						
Frameworks	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			
Other	AirByte	dbt	Looker Studio	Visual Studio Code					

Languages

French Advanced

English Fluent

Arabic Advanced