

# Vincent MOUILLOT

## Data Scientist



Data Scientist with 4 years of experience in the development and deployment of machine learning models in production. Passionate about complex problem solving, automation and MLOps best practices. I also explore data outside of work through personal projects.

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[vincent-mouillot.github.io](https://vincent-mouillot.github.io)

[github.com/Vincent-Mouillot](https://github.com/Vincent-Mouillot)

## SKILLS

**Languages :** Python · Pyspark · R · SQL

**Data & ML :** Spark · MLflow · Scikit-Learn · TensorFlow · XGBoost

**Tools :** Databricks · Azure DevOps · Git

## WORK EXPERIENCE

### Data Scientist

2023 – present

Cegid — Lyon

- Development and automation (via Databricks) of machine models Learning
  - Upsell appetence ranking
  - Acquisition of prospects based on INSEE
  - Incoming leads association with CRM account
  - Development and automation (via Databricks) of a System of Recommendation "Two Towers" Cross-Sell/Upsell via a Deep model Learning
  - Complex analyses with provision of results via Dashboard on Databricks and R Shiny

### Data Scientist Apprentice

2021 – 2022

John Deere — Fleury-les-Aubrais

- Development of an R shiny app for controlling the machining of crankshafts
- Creation of an R Shiny app for controlling the Accounting Writing File

## EDUCATION

### MSc Statistics & Data Science

2020 – 2022

Université de Franche-Comté — Besançon

### BSc Mathematics

2016 – 2020

Université de Franche-Comté — Besançon

## PROJECTS

### Prono PL

2024 – present

[https://github.com/Vincent-Mouillot/Prono\\_PL](https://github.com/Vincent-Mouillot/Prono_PL)

Data retrieval and creation of a Machine Learning model for predict the scores of the English football Premier League matches.

Sending the result on the phone via a Raspberry Pi

R · python · Poisson law · Raspberry Pi

### Algorave FoxDot

2021 – 2022

<https://github.com/Vincent-Mouillot/algorave-foxdot>

Discovery of the algorave (creation of music with code)

Python · FoxDot