

LOÏC MARIGNY

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SKILLS

Data & BI : Power BI · Pandas · Denodo · DuckDB · ETL · Data Visualization · Business Intelligence

Development : Python · TypeScript · React · VBA · SQL · FastAPI · REST API · LLM

Cloud & DevOps : Git · GitHub · GitHub Actions · CI/CD · Firebase · Supabase · Cloudflare R2

Languages : French, native · English, C1 (TOEIC-certified) · German, B2 · Russian, basic knowledge

EXPERIENCE

Data Analyst & Business Intelligence Engineer

Enedis | Paris | Apprenticeship (2023-2026 : 3 years)

- Supported MOAD consultants with data analysis and decision-making related to maintenance policies for electrical infrastructure.
- Designed **Business Intelligence tools, data visualization** solutions and data **pipelines** using **Power BI, Denodo, Python and VBA** to automate data analysis and KPI monitoring.
- Developed a React-based **prototype Business Intelligence platform** integrating an **AI assistant** (LLM), enabling consultants to create and customize dashboards and data visualizations using natural language.

Data Analyst & Full-Stack Developer

Independent | Paris & Riga | February 2025 – present (18 months)

- Designed Business Intelligence and data visualization solutions for clients using **Python, Jupyter Notebook and HTML**.
- Developed full-stack web applications and data solutions using **React, TypeScript and Python, integrating data processing and artificial intelligence (LLMs)**.

EDUCATION & LEADERSHIP

ESILV – Master’s Degree, Engineering

Major in Sustainable Energy & Smart Cities

- Coursework in **data analysis, software development, artificial intelligence, sustainable development, energy systems, optimization and project management**.
- Erasmus semester at [Riga Technical University](https://www.rtu.lv), with coursework in data, AI and political science.

Leadership & Extracurricular Activities

- **Vice President – Aider Donner Agir** : Led non-profit projects, managed cross-functional teams and organized fundraising and community events.
- **Communications Manager – AMMA**: Developed communication strategy and produced digital content to promote the association and its events.
- **Partnerships Manager – TEDx**: Developed and managed partnerships with external organizations.

PROJECTS

xMarket | React · TypeScript · Python · Firebase · SQL

- Integrated stock market simulation platform featuring interactive dashboards, portfolio analytics, financial data visualization and trading capabilities. **Developed within an international team.**

InSight | React · TypeScript · LLM · Business Intelligence

- Business Intelligence platform enabling users to create dashboards and data visualizations through a conversational assistant powered by an **LLM**.

Real Estate Observatory | React · TypeScript · Python · FastAPI · DuckDB · Cloudflare R2

- Developed a data platform integrating **ETL pipelines**, a **REST API** and interactive dashboards to explore and analyze French real estate datasets (DVF and Filosofi).