# FELIPE NUNES MENEGOTTO

Data Analyst · AI Engineer

+55 51 98538-7022 · felipemenegotto@gmail.com · felipemenegotto.com.br · Porto Alegre, Brazil
linkedin.com/in/felipe-nunes-menegotto-b6682620 · github.com/meneguinha

## SKILLS

**AI & LLMs**
Agentic AI · Gemini/Gemma
Prompt Engineering

**Backend & APIs**
Python · FastAPI · Docker · REST

**Data Science & ML**
Pandas · Scikit-learn
XGBoost · Gradient Boosting
Regex

**Frontend**
React · Vite · Tailwind CSS v4
JS ES6+

**BI & Cloud**
Tableau (LOD) · BigQuery SQL
HF Spaces · Streamlit
Oracle Cloud · Nginx

## SUMMARY

AI Engineer and Data Analyst with a background in Physics (UFRGS) and an MSc in Science Communication (University of Lisbon, top 200 worldwide). Specialist in agentic AI, LLMs and end-to-end data pipelines, with projects deployed as live web applications. Experience working in multicultural environments across four countries.

## PROFESSIONAL EXPERIENCE

### Scientific Consultant
*2022 – Present*
Media XXI — Portugal

- Data collection and analysis for the Global Media and Internet Concentration Project (GMICP), an international project mapping the economics and market concentration of the media, telecom and internet industries.
- Compilation and processing of financial market metrics, estimating global shares and analysing the footprint of major groups across the sector.
- Drafted project proposals for Horizon 2020 funding (European Union).
- Technical audit reports for compliance under the Portugal 2020 program.

### Senior Process Executive
*2024 – 2025*
Microsoft · Cognizant — Poland

- Monitored critical KPIs for global incentive programs at a Fortune 500 operation.
- International stakeholder communication with bilingual and trilingual strategic support.

### Strategic Technical Support
*2023 – 2024*
Avast · Teleperformance — Greece

- Technical diagnostics for incident resolution in digital security systems.
- Customer retention through effective support and active churn reduction.

### Physics Teacher
*2011 – 2019*
Colégio João Paulo / Assoc. Antônio Vieira — Brazil

- Translated complex concepts into accessible frameworks, fostering logical reasoning skills.

## EDUCATION

**MSc in Science Communication**
Univ. of Lisbon · 2021 · Top 200 World

**BSc in Physics**
UFRGS · 2013 · Top 10 Latin America

## CERTIFICATIONS

- Advanced Machine Learning
- Text Analysis & NLP
- Large-Scale Web Scraping
- Tableau Desktop 2024

## LANGUAGES

**Portuguese**
Native

**English**
C1 — Fluent

**Spanish**
B2 — Intermediate

## AI & DATA ENGINEERING PROJECTS

### BiblioFetch — Academic Reference Automation

bibliofetch.felipemenegotto.com.br

*Agentic AI · Python · FastAPI · Docker · Gemini 2.5 Flash*

**What it does:** Agentic AI web solution to automate extraction, structuring and validation of bibliographic metadata from texts and PDFs.
**How it was built:** Containerised FastAPI backend via Docker (HF Spaces). LLMs via API (Gemini 2.5 Flash/Lite, Gemma 4). Agentic integration with OpenAlex for DOIs.

### QualiTube — Data Pipeline for Social Sciences

qualitube.felipemenegotto.com.br

*Python · FastAPI · YouTube Data API v3 · Gephi / GEXF*

**What it does:** Platform for extracting and consolidating YouTube metadata for network and behavioural analysis.
**How it was built:** Stateless FastAPI. YouTube Data API v3 with boolean operators (AND/OR/-). CSV and GEXF graph export for Gephi modelling.

### SciNAV — PDF Navigator & Citation Matcher

scinav.felipemenegotto.com.br

*React · Vite · Tailwind CSS v4 · PDF.js*

**What it does:** Web app for dynamic reading reflow and intelligent cross-referencing of citations against document references.
**How it was built:** React + Vite + Tailwind v4. 100% client-side PDF.js engine. In-browser bibliographic pattern matching, zero data upload.

### Attendance Estimator — Brazilian Football Championship

publicobrasileirao.felipemenegotto.com.br

*Gemini 2.5 Flash · Gradient Boosting · FastAPI · Tableau · Kaggle*

**What it does:** Predictive pipeline to estimate attendance figures for sporting events.
**How it was built:** Batch extraction via Gemini 2.5 Flash from ~3,000 CBF PDFs. Gradient Boosting model (Scikit-learn) served by a FastAPI backend on Hugging Face, with a web front end. Tableau dashboard; dataset on Kaggle.

### Real Estate Value Simulator — Porto Alegre

imovelpoa.felipemenegotto.com.br

*Python · XGBoost · Scikit-learn · Streamlit · Docker · Oracle Cloud*

**What it does:** Machine Learning app that estimates apartment transfer values in Porto Alegre from neighbourhood, street, area, floor and construction year.
**How it was built:** 325k+ open ITBI records adjusted for inflation (IPCA, via the Central Bank API). XGBoost in a Scikit-learn pipeline trained on ~125k sales. Streamlit app in Docker behind Nginx on Oracle Cloud, reporting $R^2$ and MAE.