

Roberto Fajardo Duro

Data & Machine Learning Engineer | Statistician

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Skills

Languages:	Python, SQL, SAS, R
Frameworks:	Pandas, NumPy, FastAPI, Scikit-Learn, TensorFlow & PyTorch
Databases:	MySQL, NoSQL, PostgreSQL
Technologies / Tools:	AWS, Power BI, Tableau, Metabase, Docker, dbt, n8n, Git/GitHub, Airflow & Snowflake
Practices:	ETL & Data Pipelines, Machine Learning, AI Agents & Automation

Experience

Bank Sabadell

Sep 2024 – Present

Data Hub Specialist

- Model Optimization: Renewed manager scoring models, increasing portfolio allocation precision by 15%.
- Performance: Validated credit risk models and optimized SQL/SAS workflows, reducing data latency by 30%.
- AI Automation: Built custom AI agents for credit model explainability, reducing query resolution latency.

Orwee

Mar 2023 – Present

Co-Founder & Tech Advisor

- Infrastructure: Built full-stack AWS architecture and real-time ETL pipelines for 50M+ on-chain data points.
- Product Innovation: Developed a custom dashboard for advanced opportunity discovery for 500+ users.
- Advanced Analytics: Built ML models (Scikit-Learn) for yield optimization and cross-chain funding arbitrage.

ChainTaxFlow

Feb 2025 – Jun 2025

Data Engineer (Freelance)

- On-Chain Tracking: Engineered on-chain tracking for LP transactions, increasing tax reporting accuracy by 95%.
- AI Automation: Deployed AWS backend (Lambda) with AI agents (RAG), cutting manual review time by 60%.

Albeit Capital

Oct 2022 – Aug 2024

Data Analyst

- Automation: Streamlined 80% of recurring reporting workflows via Python ETLs, boosting team efficiency by 40%.
- Visualization: Built interactive Metabase/Power BI dashboards for 10+ DeFi protocols to drive C-level decisions.

Plutus

Nov 2023 – Jan 2024

Data Scientist (Freelance)

- Modeling: Built Python token longevity simulations (5+ year outlook) under extreme market volatility.
- Economics: Modeled intrinsic value capture across user segments, increasing projected staking retention by 20%.

Education

European University

2022 – 2023

Master's Degree in Big Data

Complutense University

2018 – 2022

Bachelor's Degree in Statistics

Languages

English: Full Professional · Spanish: Native