

Analytics Engineer

Builds data products. End to end.

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SUMMARY

Built data products end to end for freelance and business clients. Designed data pipelines, deployed APIs, built interactive systems, and automated workflows solving real business problems with measurable outcomes. Co-founded and operated a commercial venture where daily decisions with incomplete information taught what data must deliver: clarity that drives action.

TECHNICAL SKILLS

Languages & Databases:	Python, SQL, PostgreSQL, DuckDB, Pandas, NumPy, SQLAlchemy, Polars
Data & Analytics:	ETL pipelines, data modeling, statistical analysis, hypothesis testing, EDA, KPI design
ML & AI:	Scikit-learn, Random Forest, Optuna, NLP, Transformers, GenAI APIs
BI & Visualization:	Power BI, Tableau, Streamlit, Plotly, executive reporting
Backend & Infrastructure:	FastAPI, Docker, REST APIs, Git, GitHub Actions, CI/CD, pytest, AWS

PROFESSIONAL EXPERIENCE

Data Analyst & Analytics Developer (Freelance) 2024 · Present

- Built automated ETL pipelines (Python, AWS) and containerized data architectures (Docker, FastAPI).
- Designed API-based workflow automation with GenAI integration, reducing manual task time by 40%.
- Built production climate API (SkyCast) with 158 automated unit tests and CI/CD · 0 failures.
- Shipped end-to-end logistics ETL pipeline with ML cost engine ($R^2 = 0.987$, $MAE =$).
- Built hotel pricing model (Random Forest + Optuna) yielding 30% net revenue lift.
- Designed Streamlit dashboard processing 1.8M+ rows via DuckDB, validating 5 of 6 market hypotheses.
- Built multi-source salary normalization pipeline: 1,037 job titles reduced to 15 standardized roles.

Co-Founder & Analytics Lead Soda Madrid 2017 · 2024

- Co-founded commercial venture; used daily transactional data to drive 5x growth in daily sales.
- Analyzed hourly revenue density to optimize schedules, concentrating resources on peak demand.
- Standardized multi-category inventory into clean relational database enabling data-driven procurement.
- Consolidated 7 independent vendor networks into single supply pipeline improving margin predictability.
- Built internal tracking metrics to monitor inventory lifecycle and optimize stock rotation under lean model.
- Designed custom analytical models for sales-mix shifts and real-time conversion rate monitoring.

Prior Experience Co-founded family commercial project (product, operations, brand).
Operational support and data tracking at international commodities trading firm (energy sector).

EDUCATION

	1,250 hours	2026
Data Science & Analytics Bootcamp	500 hours	2025
Bachelor in Image and Sound Design	University of Buenos Aires	2009 · 2012
Higher Technician in Sound Engineering	IFP C. M. R. de Valcárcel	2007 · 2009

LANGUAGES

Spanish (Native) | English (Professional Proficiency)

CERTIFICATIONS

Canvas Credentials · Machine Learning & Deep Learning Certified