






Antonio González


Applied Data Scientist

Modelling, Risk Analytics & AI

 Zurich, Switzerland

 (+41)77 280 18 27

 www.antoniolibertad.com

 antonio.business444@gmail.com

SUMMARY

Applied Data Scientist with a Master's in Data Science and Business Analytics, focused on building modelling workflows that support real business decisions. Strong foundation in Python, SQL, statistics, machine learning, data validation, and decision-oriented analytics, with applied work in risk scoring, feature engineering, model evaluation, threshold optimisation, explainability, and human in the loop AI. Strong in connecting technical outputs to practical business use cases, model readiness, and structured decision support.

EDUCATION

Master in Data Science and Business Analytics

IMF Business School (2026)

Final grade: 9.6/10

Master's Thesis: 10/10

Data Analytics Mastery-DS4B

Practical training in Data Analytics and Business Analytics

LANGUAGES

Spanish – Native

English – Professional

German – Intermediate

SELECTED PROJECTS

Claims Risk Scoring & Human-in-the-Loop Triage Model

Portfolio Project

- Built a Python/scikit-learn claims triage workflow, improving precision from 50.2% to 75.1% and recall to 78.1% through enriched text, document-quality and early-lifecycle features.
- Optimised a Gradient Boosting model with threshold policy, explainability, watchlist logic and monitoring criteria for a controlled human in the loop pilot.

Commercial Decision-Support System for SMEs

Master's Thesis

- Designed an end-to-end decision-support workflow using real business data, combining data integration, quality control, segmentation and explainable recommendation logic.
- Built a reproducible analytics pipeline turning raw commercial data into customer insight, cross-sell prioritisation and business reporting outputs.

Claims AI Reliability Platform

Portfolio Project

- Built an AI reliability case for a claims assistant, covering release gates, monitoring, incident handling and rollback decisions.
- Connected benchmark design, telemetry and review workflows to safer escalation handling and operational oversight.

Internal Policy & Process Knowledge Assistant

Portfolio Project

- Designed a grounded AI workflow to retrieve, rank and generate evidence-backed answers from internal policies and procedures.
- Structured source hierarchy, chunking and retrieval logic to improve reliability, traceability and day-to-day usability.

RELEVANT WORK EXPERIENCE

Independent E-commerce & Analytics Projects

2018 – Present (currently paused)

- Managed independent digital and business initiatives, using customer, behavioural, and performance data to understand acquisition, conversion, engagement, and commercial performance patterns.
- Analysed real-world business signals to identify weak points, frame analytical questions, and support more structured optimisation decisions.
- Built practical experience translating messy commercial problems into data-driven analysis, behavioural insight, and decision-oriented analytical workflows.

TECHNICAL SKILLS

Programming & Analytics: Python / SQL / R / Power BI / Excel

Applied ML & Modelling: Supervised learning / Feature engineering / Model comparison / Threshold optimisation / Risk scoring / Experiment analysis

Model Evaluation & Readiness: ROC-AUC / Precision-recall trade-offs / Confusion matrix / Leakage control / Explainability / Monitoring logic

AI & Decision Workflows: Human-in-the-loop AI / LLM-style text signals / Retrieval workflows / Benchmark design / Case-level explanations

Data & Validation: Data cleaning / Data integration / Data quality checks / Validation rules / Reproducible pipelines / Scenario logic

Tools & Platforms: Scikit-learn / Pandas / NumPy / Jupyter / Git / MLflow basics / Azure & Databricks basics