

David Jiménez Madero

Data & Analytics Leader · Advancing into Cloud & AI Architecture

Madrid, España · +34 635097424 · jimenez.david.official@gmail.com

linkedin.com/in/david-jiménez-madero · github.com/davidj-madero · www.escapemaps.es



PROFESSIONAL SUMMARY

Data & Analytics leader with 7+ years translating business needs into analytics and AI solutions, and leading the technical teams that build them. Delivered production predictive models, forecasting and clustering on Databricks at NH Hotel Group; today working on classical cloud data architecture at Room00 (Azure Data Factory to Microsoft Fabric migration, SQL, integrations). Building hands-on depth in GenAI, RAG and agentic systems through personal projects, my own company and a self-launched SEO/GEO portal, and now formalizing the move into cloud/AI architecture with Microsoft Azure AI-103, AI-300 and ISO/IEC 42001 Lead Implementer (certifications in progress). Backed by Spain's #1 AI master (mIA-X) and executive training at MIT Sloan.

CORE COMPETENCIES

Leadership & business translation: cross-functional teams, business ↔ technical bridge, stakeholder communication

Predictive & descriptive modelling (forecasting, clustering), data strategy, production ML on Databricks (NH Hotel Group)

Cloud data architecture (Data Factory to Fabric migration), moving into AI architecture (certifying): Azure (Data Factory, Fabric, OpenAI/ML in certification track), GCP (BigQuery)

Python, SQL, scikit-learn, pandas · GenAI concepts: RAG, agentic systems, LLM APIs · GDPR & regulated-data environments · SEO/GEO & web analytics (GA4, Search Console)

PROFESSIONAL EXPERIENCE

Data & Analytics Lead

Aug 2025 – Present

Room00 Group (hospitality scaleup)

Madrid

- **Key role in the migration** of the company's data architecture from Azure Data Factory to Microsoft Fabric — classical cloud architecture work covering pipelines, databases and system integrations.
- **Optimized data processes** — stored procedures, SQL and integrations — working with the engineering team on performance, data quality, traceability and scalability.
- **Deepened classical architecture skills:** SQL, systems integration and Azure Fabric, building the foundation for my move into cloud/AI architecture; AI use cases not yet in scope here.
- **Technical bridge** between business areas and the engineering/IT teams, translating analytical findings into clear, actionable business decisions.

Founder & Data/Analytics Lead

Jul 2022 – Present

EscapeMaps (data-driven travel & entertainment startup)

Madrid

- Built the full data layer end-to-end — data model, pipelines and dashboards to track demand, customer behaviour and pricing.
- Designed and run a fleet of LLM-powered AI agents (Claude API) automating distribution, pricing and content 24/7.

Operational Excellence Manager — Analytics & BI

May 2019 – Jul 2025

NH Hotel Group (Minor Hotels) · top global hotel group, 350+ hotels

Madrid

- **Built and deployed production ML models (incl. on Databricks) with tangible, cross-country impact:** a fraud/early-cancellation detector (80%+ flagged), a B2B confirmation model (90%+ accuracy), and a CRO call forecast (97%+) used to size a 200+ agent operation.
- **Adapted analytical models** across business units and geographies of an international hotel group (350+ hotels, Europe/Americas/Asia), accounting for local market particularities.
- **Delivered automation** that gave 30+ General Managers back 1.5–2 hours per week, consolidated into a single advanced-analytics report distributed across multiple countries.

Strategy & Analytics — CIB | Global Markets

Apr 2018 – May 2019

BBVA

Madrid

- **Delivered KPI modelling and reporting** under strict Risk, Internal Control and Compliance requirements — grounding in governed, regulated-data environments aligned with GDPR and internal audit standards.

PERSONAL PROJECTS (SELF-DRIVEN)

- **Gestiona Tu Alojamiento (own portal, launched Sep 2026, actively managed):** hospitality-tech portal for short-term-rental owners in Spain. Prioritizing SEO and GEO (visibility in both search engines and AI answers), automating content production, and managing traffic and analytics with Google Analytics, Search Console and Site Kit — adding a marketing/SEO view to my data profile.
- **RAG pipeline for AI-master video content:** built independently, outside work, to deepen hands-on AI/cloud skills — pipeline (yt-dlp, Playwright, faster-whisper, ChromaDB, Claude API) to transcribe, embed and query 250+ hours of video lectures.
- **FLA — Free Life Algorithm (personal project):** automated momentum-breakout trading system (Python, GitHub Actions, Claude API) I built and monitor myself, trading real positions across S&P 500, NASDAQ, IBEX35 and DAX with defined risk controls.

EDUCATION

Master in Artificial Intelligence Applied to Financial Markets (mIA-X)

2019 – 2020

Instituto BME — Ranked #1 AI Master for Finance in Spain (Rankia)

Communicating Data Through Storytelling

2023

MIT Sloan School of Management — Executive Education

Double Degree: International Business & Economics

2014 – 2019

Univ. de Alcalá & FH Landshut (Germany) — International exposure; German A2

Professional SQL Databases Course

2020

Asociación Española de Programadores Informáticos — Relational databases · advanced SQL

Certifications in progress

Microsoft Azure AI-103 (Oct 2026) · Microsoft Azure AI-300 & ISO/IEC 42001 Lead Implementer (Nov–Dec 2026)

LANGUAGES & ADDITIONAL

Spanish (Native) · English (Full Professional, C1/C2) · German (Basic, A2) · Available for international travel

github.com/davidj-madero · MIAx & AthenAI · Founder, EscapeMaps