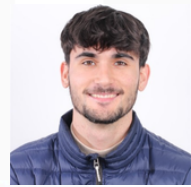


ADRIÁN MERINO ANDRÉS

AI Specialist & Data Management Consultant



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PROFESSIONAL SUMMARY

Versatile AI & Data Engineer and CDMP-certified professional bridging data governance, modern data architectures, and production-grade Generative AI systems. Proven track record in orchestrating end-to-end data pipelines, developing secure/local LLM and RAG solutions, and managing enterprise metadata catalogs for international clients. Adept at designing scalable cloud workflows using Python, Azure, Docker, and Streamlit, with daily collaboration in international, English-speaking cross-functional environments.

TECHNICAL SKILLS

- AI & Machine Learning:** LangChain, LangGraph, Retrieval-Augmented Generation (RAG), Scikit-Learn, PyTorch, TensorFlow, Prompt Engineering, Local/Privacy-Preserving LLMs.
- Data Engineering & Cloud:** Microsoft Azure, Microsoft Fabric, PostgreSQL, SQLAlchemy, Data Vault 2.0 (Data Vault Builder), ETL/ELT Pipelines.
- Backend & Development:** Python, FastAPI, Streamlit, RESTful APIs.
- DevOps & Tools:** Docker, Git/GitHub, CI/CD pipelines, Power BI, Linux.
- Data Management & Governance:** OpenMetadata, DAMA DMBOK Framework, Data Governance, Data Lineage & Quality, Metadata Management.

PROFESSIONAL EXPERIENCE

- Open Line | Valencia, Spain**
AI Specialist & Data Management Consultant | Oct 2024 – Present
- Enterprise Metadata Management & Governance:** Lead the technical deployment, lineage mapping, and ongoing management of OpenMetadata Catalog, successfully onboarding and managing 7 Dutch real estate enterprises in alignment with enterprise data governance standards.
 - Local & Secure Generative AI:** Research and architect local, privacy-compliant AI architectures; develop production-ready RAG pipelines and agentic workflows using LangChain and LangGraph for secure client environments.
 - Data Engineering & Monitoring Platforms:** Co-engineer a unified monitoring and data transfer tool using Streamlit, FastAPI, and SQLAlchemy to orchestrate automated data migration from PostgreSQL to Microsoft Fabric, integrating directly into the firm's Connected Data Cloud.
 - End-to-End Data Pipelines:** Design and maintain automated data workflows bridging Data Vault Builder architectures with cloud-native storage solutions, ensuring high availability, observability, and auditability.
 - Predictive Modeling & Prototyping:** Build ML proof-of-concepts and interactive client demos leveraging Scikit-Learn, PyTorch, and TensorFlow, accelerating stakeholder adoption of advanced analytics.
 - Engineering Standards:** Containerize microservices with Docker, establish structured CI/CD pipelines on GitHub, and collaborate daily in an international English-speaking engineering team.

CERTIFICATIONS

CDMP (Certified Data Management Professional) – Associate | DAMA International | Sep 2025

EDUCATION

- Master's Degree in Artificial Intelligence (M.Sc.)** | Universitat de València, València, Spain | Sep 2024 – Jul 2026
- Bachelor's Degree in Business Intelligence & Analytics (B.Sc.)** | Universitat de València, València, Spain | 2020 – 2024

LANGUAGES & SOFT SKILLS

- Languages:** Spanish (Native), English (Full Professional Proficiency / C1 equivalent — daily working language in an international environment).
- Core Competencies:** Cross-functional Teamwork, Agile Delivery, Systems Thinking, Problem Solving, Analytical Planning.