

David Almagro

AI Product Manager / PM-T | GenAI, Data Platforms, Enterprise Automation

📍 Spain ✉ davidalmagro.PM@gmail.com 💻 davidalmagrocabrera 🌐 DavidAlmagro/agentic-ai-portfolio

Profile

Data and AI Product Manager with 12+ years across AI software development, renewable-energy power plants, smart buildings, manufacturing, aerospace, and construction. Combines product leadership with hands-on prototyping to validate ambitious opportunities, reduce delivery risk, and translate unclear mandates into focused portfolios and roadmaps.

Strategic Skills

Product 360°: Product strategy, discovery, roadmaps, Growth Marketing, A/B testing, cybersecurity, budget management, intellectual property, legal and compliance

Leadership: Executive stakeholder management, lean-team leadership, Agile transformation, professional coaching, product ownership, business cases, portfolio management

AI and Data: Agentic AI, GraphRAG, data governance, Knowledge Graphs, AI evaluation and monitoring, human-in-the-loop workflows, Deep Learning and Machine Learning - Built public AI PM portfolio with eight Agentic AI case studies covering RAG, memory, evaluation, observability, MCP, semantic caching, multimodal workflows, web-search capabilities, and automation; each project includes product brief, architecture, metrics, and trade-off analysis: [DavidAlmagro/agentic-ai-portfolio](https://davidalmagro.com/agentic-ai-portfolio)

Professional Experience

Siemens, Data & AI Product Manager

Spain

Sept 2025 – present

- Defined product strategy, MVP scope, success metrics, evaluation framework, launch plan, and roadmap trade-offs for a Data and AI portfolio in a startup-like Siemens incubation unit, spanning AI-enabled Energy Management System operations, Data Foundations, and Future Stack research.
- Built and launched a self-improving multi-agent operations prototype using LangGraph, agentic memory, AI observability, and evaluations, enabling AI call handling, alarm triage, ticket enrichment, and work-order creation while reducing manual triage time by 90% and improving escalation accuracy by 60%.
- Partnered with engineers on architecture trade-offs across LangGraph orchestration, memory, observability, RAG retrieval quality, and AWS-native data foundations to move prototypes toward production-oriented delivery.
- Defined an evaluation framework for agentic workflows with Langfuse and Arize Phoenix, including task success rate, escalation precision, latency, cost per interaction, hallucination checks, and human-in-the-loop review.
- Led Data Foundations strategy and implemented an AWS-native Apache Iceberg lakehouse, prioritizing data freshness, governance, cross-team reuse, and downstream AI readiness while replacing duplicated, manual, specialist-dependent data exchange.
- Coordinate a Quantum Computing initiative for Energy Management System use cases and IP/patent considerations; directly lead three specialist engineers and coordinate stakeholders across the United States, India, Spain, Germany, and Italy.

Siemens, Product Owner & Agile Coach

Seville, Spain

Oct 2021 – Aug 2025

- Drove product vision, roadmap, backlog, business cases, product design, and delivery for Energy Efficiency Analytics and Energy as a Service products within fast-paced Siemens business incubators.
- Improved Operations delivery speed and lead time by approximately 80–85%, team happiness by approximately 15%, and team velocity by approximately 15%.
- Resolved long-standing Operations bottlenecks by introducing structured prioritization and problem decomposition across a backlog containing more than 300 vulnerabilities.
- Managed cybersecurity, third-party licensing, OSS clearing, export-control support, live database migration, and product phase-out activities while leading cross-functional teams of 13+ people through roadmap prioritization, delivery trade-offs, operating-model improvements, and measurable execution gains.

Sopra Steria , Enterprise Agile Coach & Product Owner, Servicio Andaluz de Salud - Established a product operating model across more than 10 teams, approximately 70 people, and three IT service suppliers. - Defined the roadmaps for three products using Story Mapping and Impact Mapping and led their respective product teams. - Converted approximately eight projects to Agile delivery and defined a delivery framework incorporated into approximately five new public tenders or projects. - Improved average time-to-market by approximately 50%, delivery predictability by approximately 35%, and team-happiness scores by approximately 45%. - Led OKR implementation, introduced Evidence-Based Management, coached approximately 10 Product Managers and Product Owners, and delivered approximately 10 Agile training sessions to around 80 participants.	Seville, Spain Jan 2020 – Nov 2021
PCUBED , Enterprise Agile Coach & Release Train Engineer, NAVBLUE - Established quarterly product-planning and delivery governance across five teams and approximately 50 people, coordinating Data Platform, software-product, HR, and Customer Experience workstreams while personally leading three teams and improving planning realism and stakeholder visibility. - Facilitated conflict resolution, reducing conflicts from a daily occurrence to almost zero, and supported the Data Platform design after three earlier unsuccessful attempts.	London, UK Dec 2018 – Jan 2020
MI-GSO , Portfolio Manager, Airbus A400M - Managed a portfolio of cost-optimization initiatives through formal project-management gates, reviewing financial figures, engineering feasibility, evidence, and P&L-linked savings claims. - Created a more robust and flexible business-case template, advised initiative owners, reported to top management, and helped launch five cost-reduction initiatives.	Seville, Spain Apr 2017 – Jan 2020
Londres Developments , Project Manager Managed a 15-person direct-report team delivering house-construction work against scope, cost, and timeline; built an automated predictive hotel-room pricing spreadsheet using machine-learning and statistical methods.	London, UK July 2016 – Dec 2016
Abengoa , Junior Project Manager - Managed international mechanical work packages end to end across design, RFQs, supplier negotiation, technical-economic evaluation, optimization, pricing, and multidisciplinary integration, contributing to the successful Waad Al Shamal bid and progressing from packages below \$200,000 to simultaneously owning work associated with bids and proposals totaling approximately \$900 million. - Designed and optimized mechanical systems across steam turbines, heat-recovery steam generators, high-pressure piping, chemical treatment, HVAC, firefighting, and a 30-kilometer natural-gas pipeline for combined-cycle and solar power plants.	Seville, Spain Jan 2014 – Jan 2016

Education

Master in Growth Marketing: thePower, starting June 2026

Master's Degree in Visual Analytics and Big Data: Universidad Internacional de La Rioja, 2018

Master in Financial Engineering: Universidad Nacional de Educación a Distancia, 2016

Industrial Engineering, specialization in Energy, Mechanical and Electrical Engineering: Universidad de Sevilla, 2013

Certifications

Generative AI Leader: Google, 2026

Building AI Agents and Agentic Workflows: IBM, 2026

Project Management Professional (PMP): Project Management Institute, active through February 2027

Professional Scrum Product Owner II (PSPOI and PSPO II): Scrum.org, 2022 and 2023

Certification in UI/UX: Universitat Oberta de Catalunya, 2023

Professional Certified Coach (PCC): International Coaching Federation, active through April 2028

Deep Learning Specialisation: DeepLearning.AI, 2025

Data Scientist: Machine Learning Career Path: Codecademy, 2024