

Juan Caravaca

DATA LEADERSHIP · AI READINESS · DECISION SYSTEMS

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I build the **operating system that turns strategy into decisions** — aligning metrics, semantic models, platforms, teams and AI practices to produce measurable impact. 13+ years turning data into decisions across research, enterprise software, agriculture, insurance and education.

The Data-to-Decision Chain — my framework: Strategy → Metrics → Semantic models → Data platform → AI → Impact.

EXPERIENCE

Head of Data · Northius (Investindustrial portfolio) Oct 2024 – Present

- › Built the group's data & AI capability from the operating model up; turned a traditional data lake into an **AI-ready platform** — governed models, semantic layer, standardized metrics — across **11 brands**.
- › Shifted the operating model from reactive service to **business co-creation** with Product, Marketing, Sales & Finance; built and lead a multidisciplinary team of **10**.
- › Established the Product Science Guild; introduced Analytics Engineering & BI-as-Code; operationalized AI across Data, Analytics & BI workflows.

Data Platform · CoverWallet, an Aon company Sept 2021 – Oct 2024

- › Joined **post-acquisition** to help integrate CoverWallet's data platform into **Aon (NYSE: AON)**, unifying systems and reporting across the combined organization.
- › Data pipelines, modeling and analytics at global-enterprise scale.

Big Data → CTO · visualNAcert 2015 – 2021

- › Grew from Big Data engineering to **CTO** of an agritech; turned agronomic data into operational decisions — data impact beyond the dashboard.

Big Data · IBM Software Group 2013 – 2014

- › Built data platforms and insights when Big Data was just emerging — an **early mover in IBM Europe**.
- Earlier:** Intelligent Data Analysis Lab (iDAL), Universitat de València — applied machine-learning research.

EDUCATION

- Universitat de València**
MSc, Electronics Engineering · 2012
- Universitat de València**
Engineer's degree, Electronics Engineering · 2009–2011
- Universitat de València**
BTech, Telecommunications Technology · 2005–2009

CERTIFICATIONS & PROGRAMS

- LIDR.co** — Ignite Program, Technical Leadership · 2023–present
- Anthropic** · 2026 — Agent Skills · Model Context Protocol (MCP) · Building with the Claude API · Claude Code in Action

SKILLS

Data Strategy · Operating Models · Semantic Layer · Data Governance · Analytics Engineering · Modern Data Platform · AI Enablement · Decision Intelligence · Team Leadership · dbt · Python · SQL