



# Juan Carlos Mayo

DATA ANALYTICS SENIOR CONSULTANT

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AWS · Azure · CI/CD · Docker · Git · IoT · Kafka · Python · Snowflake · SQL · Terraform

## Summary

Platform and Data Engineer specialized in designing and deploying cloud-based data platforms built on modular, infrastructure-as-code architectures, making them easy to scale and govern. Proven track record in delivering end-to-end data pipelines, containerized services, and real-time analytics ecosystems for multinational organizations. Technical expertise spans Terraform-driven infrastructure, Docker deployments, Kafka streaming, Snowpark development, and advanced analytics tooling. My career has evolved across the full data spectrum — from visualizations and BI reporting to analytics, ETL, and ultimately platform engineering and architecture — giving me a holistic perspective reinforced by my background in business management.

## Work Experience

### Twoday - formerly Kaito

Helsinki, Finland

SENIOR CONSULTANT

Jan. 2022 - Current

- Data & Platform Engineer Sep. 2025 - Current
  - Development of custom solutions for different customers; Python integrations to ingest Azure SQL and API data with Snowflake as a the destination, update of Azure and Snowflake network configuration to use PrivateLink connectivity, and dbt development.
- Data & Platform Engineer at Metso Jun. 2023 - Sep. 2025
  - Deployed and managed Metso's brand new data platform based on Azure, Snowflake, and dbt, via Terraform; overseeing >2,800 resources, and ensuring consistent development pipelines, streamlined governance, and scalable, reliable operations. This included the initial migration of data from an existing platform based on Databricks.
  - Implemented end-to-end data ingestion from diverse sources—relational databases, Kafka streams, and REST APIs—into Snowflake, leveraging Snowpipe, external stages, and Snowpark Python code deployed as UDFs/UDTFs.
  - Configured and deployed Docker-based services to Azure Container Apps via GitHub Actions and Terraform, enabling repeatable, zero-downtime releases for Kafka Connect, Grafana, Apache Superset, and custom data-integration services.
- Platform Engineer at Ramirent Mar. 2023 - Jun. 2023
  - Deployed the foundations of Ramirent's brand new data platform based on Azure, Snowflake, and dbt, with all resources managed via Terraform and orchestrated via Azure DevOps pipelines.
- Platform Engineer at Kaito Insight Oy Feb. 2023 - Aug. 2024
  - Refactored Kaito's Terraform product-offering code into a modular and scalable architecture, improving the product's profitability by making it faster deploy, as well as easier to manage, govern, and onboard team members.

### Qvantel

Helsinki, Finland

HEAD OF SOLUTION DESIGN

Apr. 2017 - Dec. 2022

- Head Of Solution Design Jun. 2022 - Dec. 2022.
  - Manage a geographically distributed team of experts across multiple domains and report directly to the Chief Product Officer; align team efforts to support R&D, product development, integrations, deliveries, operations, and sales; and handle responsibilities such as project management, R&D, and analysis of new product requirements.
- Business Intelligence Specialist Apr. 2018 - Jun. 2022
  - Engineered end-to-end real-time analytics solutions using Kafka and AWS, including infrastructure-as-code with Terraform and automated deployments via Jenkins; developed Python ETL ingestion functions on AWS Lambda streaming data to RDS; served as Tableau and QuickSight superuser creating and maintaining custom SQL queries, data sources, analyses, and dashboards; and built front-end components in JavaScript with React.
- Senior Business Analyst Apr. 2017 - Apr. 2018
  - Gathered reporting and analytics requirements and translated them into clear development specifications. Designed and developed JavaScript dashboards and reports to meet business needs. Built and maintained internal reporting solutions in Tableau.

### Iggesund Paperboard / Holmen Group

Amsterdam, The Netherlands

MARKET INTELLIGENCE ANALYST

Sep. 2015 - Feb. 2017

- Served as BI superuser, supporting sales teams and top management through analysis, report creation, KPI dashboards, and ad hoc visualizations..
- Explored internal and external data using Excel, SQL, and R to provide insights across business functions, from sales to production.

### UPM Kymmene

Tampere, Finland

CLOSING & REPORTING SPECIALIST

Dec. 2011 - Sep. 2013

- Managed financial and cost accounting period-end closing and reporting for the Brazilian, Italian, and Spanish units.
- Conducted performance analysis using SAP FICO, Hyperion, and Excel-based reports.
- Contributed to the SAP integration project for the Brazilian unit.

## Kaito

SENIOR DATA ANALYTICS CONSULTANT

- Data platform development, management, and governance in Terraform of Azure and Snowflake resources (over 2.8K resources and modules).

Helsinki, Finland

Jan. 2023 - Apr. 2025

## ICEX - Spanish Institut For Foreign Trade

FOREIGN TRADE SPECIALIST

- Consulting services for Spanish firms expanding operations to Finland and Estonia, including market research and feasibility studies.
- Prepared market and industry reports for the Spanish Embassy in Finland and the Spanish Institute of Foreign Trade.
- Supported the promotion of Spanish export sectors through trade fairs, industry events, and public initiatives.
- Entry-level position within the Spanish Institute of Foreign Trade Young Professionals Programme.

Helsinki, Finland

Oct. 2010 - Oct 2010

## Wärtsilä

ACCOUNTS PAYABLE TRAINEE

- Purchase invoice validation from external and group units..

Vaasa, Finland

Apr. 2008 - May 2009

## Caja España

BANK TELLER, UNIVERSITY JOB PLACEMENT

- Deposit and withdrawal, validation, and compliance operations.

León, Spain

Nov. 2006 - Feb 2007

## Certificates

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Jan. 2024 **SnowPro Core Certification**, Snowflake

Jan. 2026

May 2023 **Azure Fundamentals**, Azure

Mar. 2023 **AWS Certified Data Analytics - Specialty**, Amazon Web Services (AWS)

Mar. 2026

## Education

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### Centre for Economic and Commercial Studies

Madrid, Spain

MBA INTERNATIONAL MANAGEMENT & TRADE

Dec. 2009 - Jun. 2010

- Intensive 7-month, 600-hour MBA covering law, economics, investments, accounting, logistics, marketing, strategy, and project management. Awarded through a highly selective process, it serves as the entry point to a prestigious programme for young professionals in Spain.

### University of Vaasa

Vaasa, Finland

MASTER IN INTERNATIONAL BUSINESS

Oct. 2000 - Sep. 2007

- International two-year English programme emphasizing strategic management, marketing, and HR. Completed a Master's thesis on Learning in Strategic Supply Networks, examining approaches used by large multinational enterprises.

### University of León

León, Spain

LICENCIATE IN BUSINESS MANAGEMENT AND ADMINISTRATION

Oct. 2000 - Sep. 2007

- Licenciate programme in Management and Administration, with a strong foundation in micro- and macroeconomics, statistics, econometrics, and financial studies. Completed one academic year as an Erasmus exchange student at the University of Vaasa, Finland.

## Courses

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### Johns Hopkins University

Online

DATA SCIENCE SPECIALIZATION

Jul. 2014 - Nov. 2014

- Nine courses completed with distinction, covering data acquisition and cleaning, exploratory analysis, and application of statistical methods including inference, regression, and machine learning prediction models. Coursework emphasized data visualization, development of data products, and the cultivation of a self-sufficient, problem-solving mindset.

### Udacity

Online

EXPLORATORY DATA ANALYSIS

Mar. 2014 - May. 2014

### University Of Texas

Online

LINEAR ALGEBRA - FOUNDATIONS TO FRONTIERS

Feb. 2014 - May. 2014

### Duke University

Online

DATA ANALYSIS & STATISTICAL INFERENCE

Jan. 2014 - May. 2014

## Languages

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**Spanish** Native

**English** Excellent

**Italian** Excellent

**Greek** Good

**Swedish** Basics