

Rosalía Contreras Moreira

Project Manager in transition with a foundation in Data & Cloud Engineering. Experience in designing and maintaining data pipelines, automations and cloud architectures (GCP and Azure). I am currently completing a Master's in Project Management (IEBS), developing skills in Agile, planning, project tracking and stakeholder communication.

My goal is to bring clarity, structure and alignment between business and technology in technological projects.

Website: <https://rosaliacontrerasmoreira.com>



Information

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Nationality	Spanish
Date of birth	31/03/1971
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Work experience

ALTEN – Data & Cloud Engineer · transitioning into Project Management – Present

I am currently focusing this period on advancing my transition into Project Management, completing the Master in Project Management (IEBS) and strengthening skills in planning, Agile, risk management and stakeholder communication. At the same time, I continue training in Cloud environments (Azure/GCP) and participating in internal initiatives aimed at process improvement and the standardisation of technical practices.

Havas Media · Data Engineer: May 2023 – Nov 2025

I worked across a full GCP pipeline using Dataflow, Dataproc (Hive) and Dataform. Data arrived through Funnel, was processed in Dataflow, and for one client partially preprocessed in Dataproc with Hive, before landing in BigQuery. I then used Dataform to structure SQL transformations and deliver a star schema ready for visualization.

Tools: Dataflow, Dataproc/Hive, BigQuery, Dataform, Funnel, Python, SQL, StreamSet, Git, Spark.

Excibit · Data Engineer Oct 2022 - May 2023

At Enel, I designed scalable pipelines for batch and streaming ingestion into a Data Lake/Data Warehouse and developed APIs to improve data accessibility. At Air Nostrum, I supported a predictive model by building extraction workflows, high-volume ingestion pipelines and meteorological web scraping.

Tools: Python, SQL, MongoDB, APIs, Azure, Git, Airflow.

Barrabés.biz · Data Engineer Feb 2021 - Jul 2022

Worked within innovation and technology consultancy projects, developing SQL/NoSQL repositories and automated data extraction workflows. For Horizon 2020 (CORDIS), I created SQL databases to extract, clean and transform research data. Built scalable pipelines and API integrations using data from EPO, WIPO and Crunchbase. Also automated large-scale scraping for Coursera and edX to feed MongoDB datasets for trend analysis.

Tools: Python (Streamlit, Pandas, Selenium, BeautifulSoup, Matplotlib), PostgreSQL, MongoDB, APIs, Azure, Git.

Data Engineer (Jan 2017 – Mar 2019):

Managed data quality and coordinated daily data flows from providers such as Morningstar and Bloomberg. Performed structured analysis and reporting to support investment decisions, while optimising processes and SQL Server/Python-based databases.

Data Analyst (Mar 2012 – Jan 2017):

Compiled, reviewed and analysed technical datasets to support investment strategies and provided support to institutional clients in Switzerland, Germany, Luxembourg and Spain, facilitating communication between technical and business stakeholders.

IT Developer (Mar 2002 – Mar 2012):

Developed and maintained internal applications, automated processes and built complex SQL queries, contributing to workflow improvements and supporting regulatory requirements (Solvency I–III).

Tools: MS SQL Server, VBA, Excel macros, Python, Reuters, Bloomberg, XML, JSON, HTML, CSS, JavaScript, Git.

Education and training

Nov 2025 - Jun 2026:	IEBS: Master's In Project Management
Apr 2019 – Mar 2020:	IE School of Human Sciences and Technology: Master's in Business Analytics and Big Data
Sept 2001 – Jun 2002:	FYCSA: Master in Java and XML

Sept 1991 – Jun 1995: ESEM: Marketing and Business

Languages

<u>Mother tongue</u>	Spanish	
<u>Other languages</u>	English	Portuguese
Read:	High	Bilingual
Written:	High	Bilingual
Spoken:	High	Bilingual

Additional Information

Certifications:

Scrum Foundations (2020) · AZ-900 Azure Fundamentals (2025) · DP-900 Azure Data Fundamentals (2025)

Volunteer Work:

Active volunteer since 1998 in NGOs such as Solidarios para el Desarrollo, Proyecto Hombre, Basida, Azabache, and currently Grandes Amigos.

International Experience:

Lived in Portugal (1971–1990) and Ireland (1995–1996).

Affiliations:

Member of ANBAN (National Big Data & Analytics Association).

Personal Interests:

Regular cyclist, especially around Madrid's cycling ring and Valdebebas Park.