

Raúl Alvarado García

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PROFILE

Data Analyst with over 5 years of technical experience in the financial and consulting sectors, currently working as a Data Scientist at Banco Sabadell. I have experience across the full data lifecycle, from data extraction, preparation and processing (SAS, SQL) to the creation of strategic dashboards (Power BI) for risk management. Currently finishing a Master's Degree in Artificial Intelligence, where I have deepened my knowledge in areas such as Machine Learning, Deep Learning, NLP and Computer Vision. I combine my professional experience in data analysis with the predictive modeling knowledge acquired during the Master's, bringing a practical business-oriented perspective aimed at generating real impact.

PROFESSIONAL EXPERIENCE

Data Scientist

Banco Sabadell

Mar. 2026 – Present

Madrid, Spain

- Conduct ad-hoc Python analysis of debt portfolios to identify high-recovery-probability niches, defining cut-off thresholds based on predictive model scores and evaluating them through Precision-Recall curves, AUC and decile analysis (lift), prioritizing allocation for active management by recovery specialists.
- Design, implement and maintain daily automated SAS reporting processes for early detection of operational anomalies, anticipating errors and reducing their impact on other business areas.
- Monitor pilot tests and A/B tests analytically across risk segments, assessing impact, designing reference metrics and building advanced reports and dashboards in Power BI.

Data Analyst

Banco Sabadell

Jun. 2022 – Mar. 2026

Madrid, Spain

- Developed, maintained and optimized data processing and management workflows in SAS (extraction, transformation and quality control) aimed at debt recovery and risk management KPI tracking.
- Created Power BI dashboards to track the activity and effectiveness of external debt collection agencies, facilitating the optimization of delinquent debt portfolio allocation and self-service reporting for other departments.

IT Consultant (GRC) - Data & Reporting

KPMG Spain

Mar. 2019 – Sep. 2020, Sep. 2021 – Jun. 2022

Madrid, Spain

- Built the complete end-to-end reporting workflow for clients in the banking and telecommunications sectors: data extraction and processing from Oracle databases, data modeling and dashboard development.
- Developed and implemented Business Intelligence solutions with QlikView for the monitoring and analysis of financial risk and internal audit.
- Managed, administered and oversaw quality control for the Governance, Risk and Compliance tool MetricStream, acting as technical liaison for incident resolution and process improvement.

EDUCATION

Universidad Internacional de La Rioja (UNIR)

Master's Degree in Artificial Intelligence (Provisional GPA: 9.5/10)

Online

Nov. 2025 – Oct. 2026 (expected)

University of Sunderland

BSc (Hons) Computer Systems Engineering - First-Class Honours (89.2 %)

Sunderland, United Kingdom

Sep. 2020 – Jun. 2021

Centro de Formación Profesional Nelson

Higher Vocational Training Degree in Web Application Development (GPA: 8.77/10)

Madrid, Spain

Sep. 2017 – Jun. 2019

TECHNICAL SKILLS

Languages & Databases: Python, SQL, SAS

Machine Learning & Deep Learning: Scikit-learn, XGBoost, TensorFlow, Keras, Sentence Transformers

NLP & Computer Vision: spaCy, NLTK, scikit-image

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI

Version Control: Git, GitHub

LANGUAGES

Spanish - Native

English - Advanced