

JUAN COBO CELDRÁN

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EXPERIENCE

Technical lead, Baobab AI, June 2025 - Present

- Lead the technical strategy for AI and advanced analytics projects, defining pipelines, agent workflows, and data platform architectures.
- Coordinated teams of 2-4 people, promoting best practices in ML, analytics, and generative models.
- Oversaw and implement strategic forecasting and agents projects, deployed in production to optimize operational planning and automate KPI extraction.
- Direct collaboration with clients in services, energy, and retail, ensuring technical solutions deliver business value.
- Improved internal processes by integrating LLMs and agents for reporting and data analysis, increasing efficiency and consistency of results.

Data scientist, Baobab AI, August 2024 - June 2025

- Improved demand forecasting accuracy and reliability across multiple industries, driving better inventory planning and resource allocation.
- Streamlined data integration and reporting processes by automating ETL workflows, reducing manual effort and delivery time.
- Delivered AI-driven insights and intelligent agents that enhanced decision-making for key clients.
- Partnered with cross-functional teams to translate business objectives into scalable analytics solutions adopted in production.

Research assistant, Universidad Carlos III de Madrid, June 2024 - August 2024

- Analysis of actigraphy time-series data in patients with brain injuries using statistical methods and ML for clinical outcome prediction.
- Development of preprocessing pipelines and feature extraction from wearable devices, improving data quality and consistency.
- Collaboration with researchers and medical staff to interpret results and contribute to study conclusions.

EDUCATION

Bachelor's degree in Computer Science and Engineering, Universidad Carlos III de Madrid, September 2020 - July 2024

- Relevant courses: Statistics, Machine learning, Artificial intelligence in business, Data architecture, Files and databases, Genetic algorithms.
- Erasmus program: Exchange semester at Warsaw University of Technology.
- Winner of the Madrid Engineering Week Datathon: Developed a data-driven solution to identify and optimize operational inefficiencies.

TECHNICAL SKILLS

- Programming: Python, JavaScript, R, MATLAB, C++.
- Data science & AI: Time series, LLMs, agents, prompt engineering, data analysis and visualization.
- Databases: SQL, MongoDB, Cassandra, Neo4j.
- Languages: Native Spanish, advanced English (C1).