



# Laura Rodríguez

Mathematician specialized in Data Science and AI

## About me

A passionate about data analysis and technology, with a strong academic background in mathematics, I have developed a deep understanding of logic and analytical reasoning.

Creativity has played a key role throughout both my academic journey and professional growth, allowing me to approach challenges with innovative solutions.

I take pride in my strong work ethic, marked by perseverance and the ability to see difficulties as opportunities to improve and constantly push myself further.

## Languages

**Spanish:** Native

**English:** B2 (First Certificate)  
Cambridge

**French:** B1 (DELFI)  
Official School of Languages

## Contact

+34-618258774

[lauraarodriguez11@gmail.com](mailto:lauraarodriguez11@gmail.com)

<https://www.linkedin.com/in/laurarodriguezropero>

## More information

Available daily after 12:00 p.m.  
Driving license

## Education

### Master's Degree in Big Data, Data Science and AI

Complutense University of Madrid | 2024 - 2025

- Final Project: Authorship authentication in paintings using explainable AI
- Trainee in Correos

### Bachelor's Degree in Mathematics

University of Extremadura | 2019 - 2024

- Thesis: Emotion classification using Deep Learning
- Erasmus: University of Zielona Góra, Poland (2023 - 2024)

### Theatre Studies (3-year program)

Createatro School of Performing Arts | 2016 - 2019

### Elementary Music Education (Piano and Music Theory)

Municipal Music Schools of Badajoz | 2006 - 2013

## Experience

### Programa Jóven Talento - Correos

DALIA Team (Digitalization, Automation and AI Lab)

- Modular development in UiPath, process automation (RPA), orchestration with n8n and Make, JSON-based logging, and technical work in complex corporate environments.
- Cross-functional collaboration with technical and business teams, contributing to the scalability of robots in production.

Madrid | February - July 2025

### Winner - Tirme Challenge | II Circular Innovation Hackathon

Palma de Mallorca | November 15 -16, 2024

### Member of the Organizing Committee

### XXIV National Meeting of Mathematics Students

Badajoz | July 24 - 29, 2023

## Skills

- Full data lifecycle management.
- Efficient programming in Python, R, and SQL, with version control using Git in collaborative environments.
- Large-scale data processing with Apache Spark and relational/NoSQL databases.
- Development and validation of Machine Learning and Deep Learning models with traceability.
- Business-oriented data visualization using Tableau and Python libraries.
- Effective technical communication, process automation, and structured documentation.