



# Laura Díaz-Muñoz Manzanares

## DATA SCIENTIST

### CONTACT

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🌐 <https://github.com/lauradiazmm>

### ABOUT ME

Specialized in digital data analysis. I constantly seek to improve my skills and stay updated. Looking for innovative ways to use analytics to make informed decisions and generate impact.

### SKILLS AND TOOLS

- Python
- Numpy
- Pandas
- Data Cleaning
- Data Manipulation
- Machine y Deep Learning
- Neural Networks
- Seaborn
- SQL
- Webscrapping
- SKLearn
- Pytorch
- Keras
- Beautiful Soup
- Selenium
- Matplotlyb
- Mongo DB
- NLP

### LANGUAGES

Spanish - Native  
English - C1 Advanced (CAE)  
Italian - B2

### EXPERIENCE

#### Project: Prediction models for Alzheimer's diagnosis - OASIS 3 | 2023

Implementation of **Deep Learning** models (convolutional neural networks) and **Machine Learning** (decision tree) on brain magnetic resonance images, as well as medical history data, in order to predict Alzheimer's.

- Data acquisition through **API**.
- Advanced use of Python for **data cleaning** and **analysis**.
- **Data visualization** using **Matplotlib** and **Seaborn**.
- **Predictive models** built with **Scikit-learn**, **Tensorflow**, and **Keras**.

#### Student Research Assistant - BCBL | 2022

My core tasks in this project were:

- Collecting and **preprocessing** behavioral data and assisting in **MEG** data collection.
- **Modelling** the data into **growth models** to help answer our research's main questions.
- Writing the manuscript and **presenting the findings** to scientific audiences.

### EDUCATION

#### Bootcamp Data Science

ID Bootcamps - Madrid  
2023

#### M.S. in Cognitive Neuroscience of Language

Basque Center on Cognition, Brain and Language (BCBL).  
2021/2022

#### M.A. in Spanish and English as a Second Language/Foreign Language

University of Alicante (Spain)  
2018/2019

#### B.A. in Translation and Interpretation

University of Alicante (Spain)  
2013/2018