



Pablo Morales Vallejo

Nationality: Spanish **Date of birth:** 13/09/2001

 **Phone number:** (+34) 678332162

 **Email address:** pablmoralesvallejo@gmail.com

 **LinkedIn:** <https://www.linkedin.com/in/pablo-morales-vallejo-5b19ba286/>

 **Kaggle:** <https://www.kaggle.com/pablmoralesvallejo>

 **Home:** Madrid (Spain)

ABOUT ME

I am a young data scientist who graduated with a bachelor's in Data Science and Engineering from the Universidad Carlos III de Madrid. I have experience creating complex machine-learning models, working with databases, and extracting and analyzing insights from data. I am looking for a place to apply the tools and teachings from my career to real-life problems. I am deeply interested in learning new things, and I have been described as a great team player by my colleagues.

WORK EXPERIENCE

Data analysts

Know-Center [02/2022 – 07/2022]

City: Graz

Country: Austria

During my stay at the Know-Center, I helped MAGNA Steyr in the creation of data science tools. My responsibilities included:

- Database creation and management
- Image detection
- Temporal data analysis

Data scientist

CAF [09/2022 – 01/2023]

City: Madrid

Country: Spain

I participated in a project with other university students for "Construcción y Auxiliar de Ferrocarriles" (CAF), an international engineering company specializing in manufacturing and managing trains. More specifically, I helped in the automatization of train conduction by using machine learning techniques in order to manage alarm systems.

Students' representative

Students' Union of the Universidad Carlos III de Madrid [09/2020 – 08/2021]

City: Leganes

Country: Spain

I was elected the student representative for my course at the Students' Union of the Universidad Carlos III de Madrid. While working as such I acted as an intermediary between teachers and students by transmitting problems and complaints to teachers and the overall university administration. I also served as part of the quality control of the degree, analyzing the differences between the courses offered at this university and other similar degrees. Lastly, I helped decide the adaptations necessary for the courses during the COVID-19 pandemic.

EDUCATION AND TRAINING

Bachelor in Data Science and Engineering

Universidad Carlos III de Madrid [2019 – 2023]

City: Leganes

Country: Spain

Website: <https://www.uc3m.es/home>

Field(s) of study: Natural sciences, mathematics and statistics: *Statistics , Mathematics*

Final grade: 8

Thesis: Group dynamic in scientific collaboration: an analysis based in gender and seniority

Erasmus studenship

Technische Universität Graz [10/2021 – 07/2022]

City: Graz

Country: Austria

Website: <https://www.tugraz.at/home>

Master in Data Science

Universitat Oberta de Catalunya [07/2023 – Current]

City: Barcelona

Country: Spain

Website: <https://www.uoc.edu/portal/es/index.html>

LANGUAGE SKILLS

Mother tongue(s): **Spanish**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages

Experience in Python and R / Basic knowledge of Java and JavaScript

Databases

Knowledge of SQL. / Basic knowledge of Non-SQL databases: MondoDB and Neo4j

Machine Learning

Experience in most machine learning packages / Knowledge of Natural Language Processing tools / Knowledge of Deep Learning tools / Experience in Databricks

Data Visualization

Experience with Matplotlib and Seaborn / Experience with ggplot2 / Knowledge of Streamlit

Office Software

Experience in Microsoft Office and Powerpoint / Experience in Microsoft Excel

HONOURS AND AWARDS

Premio Extraordinario de la ESO

Viceconsejería de Educación, Universidades, e Investigación [10/11/2017]

HOBBIES AND INTERESTS

Model of United Nations

I participated in 3 different simulations of the proceedings of the United Nations, in the years 2017,2018 and 2019. In these models, I discussed international and European law in the search of drafting a resolution, while defending the interests of a randomly assigned nation. I participated in a simulation of the United Nations High Commissioner for Refugees (UNHCR), the United Nations Commission on the Status of Women (UNWomen), and of the European Parliament regarding cybersecurity threats.

Board Games

I am passionate about board games of all kinds. I prefer complex games based on strategy or puzzle solving. Either way, I find it really fun to theorize about optimal strategies and to take part in no-stakes friendly competition.