

## Contact

juliettm@gmail.com

www.linkedin.com/in/juliettm  
(LinkedIn)

## Top Skills

Statistics

Python

Programming

## Languages

Spanish (Native or Bilingual)

English (Professional Working)

## Certifications

The Magical Marvels of MongoDB

High-Dimensional Data Analysis

## Publications

A Reinforcement Learning Approach  
for the Flexible Job Shop Scheduling  
Problem

# Juliett M. Suárez Ferreira

Committed to a responsible and ethical use of AI to benefit society.  
Greater Barcelona Metropolitan Area

## Summary

I have 8+ years hands on business experience as Data Scientist in different businesses (size, model, approach) where I've managed to help Marketing, Operations, Sales and Tech teams be aware of and act upon relevant information extracted from company data.

By building and providing personalised dashboards in Tableau, recommender systems with ML and other data products, we have slashed operational costs, optimised productivity and automated numerous tasks.

I also have five years of experience working in the academy where I could learn structured, formal knowledge and methodologies while I was teaching and being part of an investigation group.

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## Experience

### Adigital

Manager of Artificial Intelligence

February 2024 - Present (2 months)

### Data Innovation

Principal Data Scientist

May 2021 - February 2024 (2 years 10 months)

Barcelona, Catalonia, Spain

- Developing and optimising machine learning algorithms to improve (Content labeling and classification, Recommender Systems, Text Generation, ) -

Pyhton, Keras.

- Identifying valuable data sources and automate collection processes to inform business decisions and strategies - Python, Airflow, AWS, Tableau Prep.

- Adept at using data visualisation tools to effectively communicate results to a wide range of audiences - Athena, Tableau.

- Translating technical findings into actionable recommendations for stakeholders.

University of Bergen  
Research Stay  
May 2022 - May 2022 (1 month)  
Bergen, Vestland, Norway

During this time, I worked closely with my supervisor on a subject related with fairness and explainability. I also had the chance to present my findings at the group seminar. I found this experience to be extremely valuable. It also gave me the chance to learn new techniques and expand my skillset.

Stayforlong  
Data Scientist  
January 2020 - May 2021 (1 year 5 months)  
Barcelona, Catalonia, Spain

- Data Science applications to improve the company operations (Content categorization) - Python.
- Collect, analyse and interpret data in order to identify opportunities to improve processes and strategies with technology solutions - Luigi, AWS, Python.
- Reports development to support decision making - Redshift, Athena, Looker.

Emailing Network  
Data Scientist  
May 2017 - January 2020 (2 years 9 months)  
Barcelona Area, Spain

- Data Science applications to improve the company operations (Recommendation systems and production optimization) - Spark MLlib, Python.
- Collect, analyze and interpret data in order to identify opportunities to improve processes and strategies with technology solutions - Airflow, AWS, Python, Zeppelin, Jupyter Notebooks.
- Collaborate with business users and analyze business processes and requirements.
- Reports development to support decision making - Redshift, Tableau.

Cabify  
Data scientist  
February 2016 - July 2016 (6 months)

- Dashboards development to support decision making using Tableau Software.
- Automatization of recurrent reports (Python, SQL).
- ETL process development to analyze business metrics.

24symbols

Data scientist

May 2014 - February 2016 (1 year 10 months)

- Technical support and data analysis tasks.
- Automatic generation of statistical reports (SQL, Ruby).
- Sales forecasting using time series in R.
- User behavior analysis.
- Proof of concepts with Apache Zeppelin, Spark, Cassandra and ELK.

Universidad Central "Marta Abreu" de Las Villas

Lecturer and Researcher

September 2008 - September 2013 (5 years 1 month)

Santa Clara, Cuba

- Imparted courses: Algebra and Analytic Geometry, Mathematical analysis, Programming, Software Engineering, Statistical and intelligent methods for decision making.
- Researcher at the Artificial Intelligence group. Investigation area: Metaheuristics and Reinforcement Learning applied to optimization/scheduling problems.

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## Education

Universidad de Granada

PhD Student, Information technology and communications · (2020 - 2025)

Universidad Central "Marta Abreu" de Las Villas

Master degree, Computer Science · (2008 - 2010)

Universidad Central "Marta Abreu" de Las Villas, Santa Clara, Cuba

Bachelor degree, Computer Science · (2003 - 2008)