

# ROBERTO PARIENTE

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## ABOUT ME

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Data Analyst with expertise in ETL processes, data visualization, and database management. Proficient in tools like Python, Talend, SQL, and PowerBI, with a strong passion for AI and Machine Learning. Through personal Machine Learning projects, I focus on advancing my skills in model design, fine-tuning algorithms, and discovering new AI-driven applications.

Portfolio Web: <https://robertopar98.github.io/WebPortfolio/>

## WORK EXPERIENCE

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### **Data Analyst**

**Apr 2024 - Present**

*SDG Group, Madrid (Spain)*

- Managed and optimized ETL processes by modifying data pipelines in Talend and SQL to meet evolving client requirements and improve performance.
- Built tailored dashboards in PowerBI with DAX, delivering actionable insights for stakeholders.
- Ensured the integrity and accuracy of databases through SQL maintenance, managing DDL and DML operations.
- Collaborated directly with clients, gathering business requirements and providing project updates to ensure successful outcomes.
- Worked in an Agile/Scrum environment, coordinating with cross-functional teams to manage timelines and deliverables.

### **Co-Worker in Logistics Department**

**Sep 2023 - Apr 2024**

*IKEA, Delft (The Netherlands)*

- Ensured optimal stock levels by replenishing shelves, maintaining an organized and fully stocked store to enhance the customer experience.
- Monitored and tracked inventory, identifying stock discrepancies to minimize potential shortages or overstocks.
- Collaborated with colleagues across departments to streamline workflows, enhancing operational efficiency and ensuring smooth store operations.

### **Co-Worker in Food & Beverages Department**

**Nov 2022 - Sep 2023**

*IKEA, Delft (The Netherlands)*

- Ensured efficient operation of the dishwasher area, maintaining cleanliness and order.
- Led and managed team members, assigning tasks to optimize productivity.
- Organized staff breaks to ensure smooth operations and team well-being.

### **R&D Manufacturing Engineering Intern**

**Mar 2022 - Aug 2022**

*Aciturri Engineering SLU., Valladolid (Spain)*

- Contributed to the development of prepreg composite manufacturing processes for a commercial aircraft.
- Analyzed data from material testing to assess specimen performance and inform production decisions.

- Designed CAD files using CATIA V5 and Fibersim to streamline the lay-up process and laser projection.
- Generated comprehensive project documentation to support ongoing research and process optimization.

**Library assistant at the EIII School**  
**University of León, León (Spain)**

**Nov 2018 - Jun 2019**

- Managed book lending services and assisted students with inquiries related to library resources and policies.
- Organized and maintained library documentation, ensuring efficient accessibility for students and staff.

## EDUCATION

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**Master's Degree in Aeronautical Engineering**

Sep 2020 - Jun 2022

Polytechnic University of Valencia, Valencia (Spain)

With specialization in Aircraft Design, obtaining an average grade of 8.2 out of 10.

**Thesis topic:** "Parametric study of the influence of mold geometry and manufacturing parameters on the manufacturing error of composite aeronautical components due to spring-back"

**Bachelor's Degree in Aerospace Engineering**

Sep 2016 - Jun 2020

University of León, León (Spain)

With specialization in Aeroengines, obtaining an average grade of 7.32 out of 10.

**Thesis topic:** "Design of a centrifugal compressor test rig for its implementation in MIC at Universidad of León"

## ADDITIONAL ACCREDITATION

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**Creating Business Value with Data and Looker Specialization**

Apr 2024

Google Cloud (Coursera)

This specialization helped me master my data exploration and analytical skills using Looker. I created different dimensions, measures, filters, and advanced metrics to analyze and visualize data. In addition, I learned how to develop Data Models using LookML.

**IBM Machine Learning Professional Certificate**

Dec 2023

IBM (Coursera)

Intensive training in Machine Learning, gaining practical expertise in Supervised and Unsupervised learning, Regression, Classification, Clustering, Deep learning and Reinforcement learning. Applied learning projects involved implementing machine learning algorithms on real datasets, and honing skills in data analysis and Python programming.

**IBM Data Science Professional Certificate**

Nov 2023

IBM (Coursera)

Course about 200 hours in the developing for a career as a data scientist. In this course, I enhanced my skills and hands-on experience in Data Visualization, Data Analysis and Machine Learning.

## SKILLS

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**Programming Languages**

**Data Manipulation & Analysis Tools**

**Data Visualization Tools**

**Design Software**

**Engineering Software**

MATLAB, SQL, Python, C++, R

PostgreSQL, Google Looker, Python (EDA)

Power BI, Tableau, Python (matplotlib & seaborn)

Catia V5, Fibersim, AutoCAD

Ansys Fluent, StarCCM+, Abaqus

**Class B driving license**

## REFERENCE

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*María Aurora Riesco Peláez*

*Library Manager*

*University of León Library*

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*Relation: Library employer*