

# CAROLINA CORNEJO

## JUNIOR DATA SCIENTIST



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Madrid, Spain. Open to relocation.



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## SUMMARY

I am a data-driven problem-solver eager to build a fulfilling career in a fast-paced, forward-thinking team. Out-of-the-box thinking and a strong work ethic characterize me.

- Proficiency in: R, Shiny
- Working knowledge of: SQL Server, Python, Power BI, DAX
- Familiarity with/learning: QGIS, Databricks
- Languages: Spanish (Native), English (Advanced), Italian (Basic)

## EDUCATION

### **2022 - 2023. University Carlos III of Madrid (UC3M)**

Master's degree in Computational Social Science

- Data analysis: statistics, machine learning, econometrics, survey methodology and social network analysis.
- Computational tools: R programming, SQL, text mining, data visualization and web scraping.

### **2021 - 2022. Pontifical Catholic University of Peru (PUCP)**

Diploma in Data Science for Social Science and Public Management

- R and Python for data analysis and machine learning.
- Database management with SQL Server.
- Basic geospatial data analysis with QGIS.

### **2020 - 2021. ESAN Graduate School of Business (Peru)**

Specialisation in Monitoring and Evaluation of Projects

### **2012 - 2018. Pontifical Catholic University of Peru (PUCP)**

Bachelor's degree in Communication for Development

## EXPERIENCE

### **2023 - now. Data management trainee**

Vestas (Madrid)

- Analyze non-conformity reports to pinpoint top wind turbine quality issues.
- Develop Power BI dashboards to monitor KPIs in real-time, eliminating sampling errors in audits and improving MED Data Quality Index by 11%.
- Generate ad-hoc reports using R.
- Introduce and code new KPIs and metrics with DAX.

### **2019 - 2021. Database manager**

Economic and Social Research Consortium (Peru)

- Produced financial, operational, and impact KPI reports for a project reaching 7,000+ beneficiaries.
- Ensured data collection tools' validity.
- Delivered analytics reports with 100% approval rate from UN funder.

### **2018 - 2019. Research assistant**

Pontifical Catholic University of Peru (PUCP)

- Engaged in social research consultancies for businesses and third-sector organizations under Prof. Huaita (former Peruvian minister).
- Co-authored two published papers.