

# CAROLINA CORNEJO CASTELLANO

DATA SCIENTIST

COMPUTATIONAL SOCIAL SCIENTIST

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## SUMMARY

I am a versatile professional at the intersection of data science and social science, eager to join a forward-thinking team and leverage the full potential of technology and data to drive evidence-based impact. I thrive in fast-paced environments that foster intellectual rigor and curiosity, where I can work with multidisciplinary teams.

## EXPERIENCE

### Mar 2023 - Ago 2023. Data management trainee

Vestas (Spain)

- Identified top wind turbine quality issues by analyzing non-conformity reports, leading to targeted actions.
- Enhanced real-time KPI monitoring by developing Power BI dashboards, eliminating audit sampling errors and boosting MED Data Quality Index by 5%.
- Generated custom reports using R to aid in decision-making processes.

### Sep 2019 - Dec 2021. Monitoring and Evaluation Database manager

Economic and Social Research Consortium (Peru)

- Delivered impactful financial, operational, and KPI reports for a project benefitting 7,000+ individuals, receiving 100% approval from UN funder.
- Ensured the validity of data collection tools, maintaining data integrity across the project.

### Feb 2018 - Aug 2019. Research assistant

Prof. Marcela Huaita (PUCP)

- Assisted in social research consultancies for businesses and third-sector organizations.
- Co-authored two published papers on Peruvian policies protecting vulnerable groups.

## EDUCATION

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

Master's degree in Computational Social Science

- Data analysis: statistics, machine learning, econometrics, and survey methodology.
- Computational tools: R programming, SQL, text mining, data visualization and web scraping.
- Used spatial analysis techniques to model geographic patterns of terrorist attacks in Peru for master's thesis.

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

Specialization diploma in Data Science for Social Science and Public Management

- R, Python and SQL Server programming.
- Geospatial Data Analysis with QGIS.

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

Bachelor's degree in Communication

## SKILLS

- 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)