

**Carlos Utrilla Guerrero**  
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## EDUCATION

**University of Manchester, United Kingdom** 2014  
 MSc in Social Research Methods & Statistics (CMIST)  
 Dissertation: [Environmental Friendly Behavior and Sustainable food](#)  
 Supervisor: [Mark Tranmer](#)  
 Other assignments: <https://carlosug.github.io/posts/Social-research-methods-statistics>  
**University of Southern Odense, Denmark** 2012  
 MSc in Business Strategy & International Management (Erasmus)  
**University of Zaragoza, Spain (UNIZAR)** 2011  
 BA in Business & Administration

## RESEARCH INTERESTS

Neuroscience, mental health, bioinformatics, human genetics and knowledge graph

## CAREER PROFILE

PhD Candidate, Data scientist, Assistant Professor

## TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, SPARQL  
 Statistical software: R  
 Reproducible tools: Docker, Jupyter notebook and R Markdown  
 Version Control Systems: Gitkraken and GitHub  
 Web design: React, TypeScript

## LANGUAGES

Fluent in English. Intermediate level in French (B1-3). Native proficiency in Spanish.

## WORK EXPERIENCE

**Institute of Data Science, Maastricht University, The Netherlands** since February 2020  
*Research Data Scientist*  
 Support the department in teaching, writing proposals/grants, and R&D activities in the field of computational social science  
**Kleos Space S.A, Luxembourg** August 2018 – December 2019  
*Data Scientist*  
 Supporting research group in need of data analysis using statistical and visualization methods.  
 Grant proposals preparation and coordination  
**Kneip Communications, Luxembourg** 2015 – 2018  
*Data Analysis & Management Officer*  
 Participated in data analytics projects (involving data modelling, predictive analysis and interpretation of results).  
**European Investment Bank, Luxembourg** 2014  
*Financial Data Analyst (6 months)*  
 Contributed to definition, implementation and testing of effective software solutions to address data interoperability.  
**Imaginarium Group S.A, Istanbul, Turkey** 2013  
*Financial Analyst Intern (7 months)*  
 Developed and implemented the Finance and Commercial Forecasting Model (leading the audit process and IT projects).  
**Young Aragoneses Entrepreneurs, Zaragoza, Spain** 2011  
*Marketing Internship (6 months)*  
 Performed SWOT and Value Chain Analysis to several SME projects (International Business Plan).  
**Ibercaja Saving Bank, Zaragoza, Spain** 2010  
*Finance Internship (6 months)*  
 Explored Logistic Regression to calculate Probability of Default within SME portfolio and commercial loans.

## VOLUNTEER EXPERIENCE

**Türkiye I.S.I. Tme Engelliler Spor Federasyonu, Ankara, Turkey** 2012  
*European Volunteer Service (7 months)*  
 Moderating focus group for better relations among members and updated reports on local living conditions activities.

<b>Partners</b> ***	<b>TITLE</b> CV – Carlos Utrilla Guerrero	<b>JOB REFERENCE</b>
<b>PROJECT</b> ***	<b>AUTHOR(S)</b> Carlos Utrilla Guerrero	<b>ISSUED DATE</b> March 2022
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## RESEARCH AND TECHNICAL PROJECTS

<b>Current</b> .....	
<b>Data Science Research Infrastructure (<a href="#">DSRI</a>)</b> <i>Collaborators: Michel Dumontier, Oscar Corcho</i> <i>Activities: provide technical support and manage funding acquisition activities</i>	<b>2022</b>
<b>Applying data science for digital collections (<a href="#">PLAYFAIR</a>)</b> <i>Co-authors: Michel Dumontier, Walter Crist</i> <i>Supervisor: <a href="#">Cameron Browne</a></i> <i>Activities: Apply semantic web in digital archeological datasets</i>	<b>2022</b>
<b>Developing distributed analytics techniques (<a href="#">ODISSEI</a>)</b> <i>Supervisor: <a href="#">Michel Dumontier</a></i> <i>Activities: Implement multilevel models and privacy preserving techniques on educational data</i>	<b>2022</b>
<b>Past</b> .....	
<b>Community Data Driven Insight (<a href="#">CDDI</a>)</b> <i>Service and Expertise Working Group</i> <i>Activities: Implementation of FAIR data management throughout UM research projects</i>	<b>2020</b>
<b>Netherlands Consortium of Dementia Cohorts (<a href="#">NCDC</a>)</b> <i>Supervisor: <a href="#">Michel Dumontier</a></i> <i>Data Science and management Working Group</i> <i>Activities: Implementation of FAIR data management for the mental health research</i>	<b>2021</b>
<b>European Open Science Cloud-Life Science (<a href="#">EOSC-Life</a>)</b> <i>WP9: Training of the EOSC Life Community on FAIRAssist</i> <i>Supervisor: <a href="#">Michel Dumontier</a></i> <i>Activities: Develop educational resources for Data Science and FAIR</i>	<b>2020</b>
<b>VHF maritime signals probability of transmission (<a href="#">KLEOS</a>)</b> <i>Kleos Space SA   European Space Agency (ESA)   Luxembourg Space Agency (LSA)</i> <i>Activities: Statistical analysis of different countries with geolocating dataset</i>	<b>2019</b>

## TEACHING EXPERIENCE

### Courses

Bachelor Global Studies <a href="#">BAGS</a> (Quant. Research Methods Course - <a href="#">material</a> )	Semestre IV 2022
Applied Research II <a href="#">VSK1004</a> ( <a href="#">material</a> )	Semestre VI 2022
Bachelor Global Studies <a href="#">BAGS</a> (Quant. Research Methods Course - <a href="#">material</a> )	Semestre I 2021
Applied Research II <a href="#">VSK1004</a> ( <a href="#">material</a> )	Semestre VI 2021

### Workshops and short courses

WIDS 2022 Datathon Maastricht ( <a href="#">material</a> )	February 2022
Coding for everyone Python ( <a href="#">material</a> )	March 2021
FAIR Essentials workshop ( <a href="#">material</a> )	February 2021
Online M-BIC Open Science Symposium ( <a href="#">Guest lecture</a> )	October 2020
Social Science Carpentry Workshop ( <a href="#">Guest lecture eScience center</a> )	November 2020

### Thesis supervision

New Science of Mental Disorders ( <a href="#">material</a> )	February 2022
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## COURSES & CONFERENCES attended

Semantic web and Knowledge graphs   Univ. Maastricht   60 hrs	2021
Earth Observation & GIS, Engr. & Security   Univ. Twente   60 hrs	Summer 2018
Economics Development Cooperation Courses   Univ. Zaragoza   60 hrs	2012
Economic 3.0: Interaction with Big Data   UIMP   30 hrs	Summer 2011

## WORKSHOPS

Data for History	2021
Cathie Marsh Institute for Social Research (CMIST) Conferences	2014
Master student Assistant	
No VISA for young people ACTION	Summer 2012
Konya (Turkey), System & Generation Association	

## OTHER INTERESTS:

Sports (8-year tennis coach and founded member of Europadel Luxembourg) and Human History

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