

Erika Gutierrez

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EDUCATION

Barcelona School of Economics

Barcelona, Spain

Master Program in Data Science for Decision Making

September 2022 - July 2023

GPA: 8.66/10

Thesis: Forecasting BiciMAD Hourly Demand Using Machine and Deep Learning Methods

University of Florida

Gainesville, FL, United States

B.A. Economics, Minor in Sustainability, Certificate in GIS

August 2017 - May 2019

GPA: 3.7/4.0 (Summa Cum Laude)

Thesis: Evaluating Effectiveness of Residential Heat Pump A/C Rebate Programs Using OLS

PROFESSIONAL EXPERIENCE

Fundació d'Economia Analítica

Barcelona, Spain

Data Scientist

September 2023 - Present

- Furthered research in causal inference techniques for policy impact evaluation

RE Tech Advisors

Washington D.C., United States

Analytics Associate

February 2021 - May 2022

- Optimized data collection process to expand energy consumption reporting capabilities for 3+ clients using HTTP request methods, reducing aggregation time by 95% per property
- Created new client capital expenditure tool by designing the database architecture and data processing algorithm, resulting in enhanced dashboards and insights

Data Analyst

June 2019 - February 2021

- Increased accuracy of regulatory energy consumption reporting requirements for commercial RE clients by 75% through design and implementation of geospatial software
- Presented case studies and led workshops on firm analytics tools and resources to online audience of ~50 people
- Owned and managed analytics team's source codes and data processes end-to-end, including extraction, storage, analysis, and visualization for 10+ clients using Python and SQL Server Management Studio

Orlando Utilities Commission (OUC)

Orlando, FL, United States

Corporate Sustainability Intern

June 2018 - May 2019

- Identified key insights for department leadership using statistical analysis of local energy efficiency rebate programs (as part of undergraduate thesis)
- Supported company sustainability initiatives and ensured that resources, priorities, and objectives were monitored and reported accurately

SKILLS

Languages: English (native), Spanish (advanced), German (intermediate)

Programming: Python, R, SQL, Power BI, SQL Server Management Studio, Excel, Azure, Git

Machine Learning: Supervised Learning, Unsupervised Learning, Neural Networks

Certifications: Harvard University's CS50x: Introduction to Computer Science (2021)