

Agustin Fernández Felguera

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Education

CEMFI <i>Master's degree in Economics and Finance</i> <ul style="list-style-type: none">Relevant courses: Microeconometrics, Time Series, Asset Pricing	Sep. 2021 – July 2023 <i>Madrid, Spain</i>
University of Barcelona <i>Bachelor's degree in Economics, Faculty of Economics and Business</i> <ul style="list-style-type: none">Last two years on a fast-paced program, which offered intensive teaching over three semesters, all in English.	Sep. 2016 – Sep. 2020 <i>Barcelona, Spain</i>
University of Barcelona and Polytechnic University of Catalonia <i>Bachelor's degree in Statistics, Faculty of Economics and Business</i> <ul style="list-style-type: none">Award for the best academic record of the class 2019-20 (1,000 EUR).	Sep. 2015 – Sep. 2020 <i>Barcelona, Spain</i>

Experience

Economic Consulting <i>RBB Economics</i> <ul style="list-style-type: none">Assessment and replication of cartel damages claims.Data cleaning, analysis and visualization using Stata.	July 2022 – September 2022
Public Sector Economist <i>General Directorate of Economic Analysis, Catalan Government</i> <ul style="list-style-type: none">Monitoring of the Catalan Economy, using short-term economic analysis, and implementation of macro models.Creation of presentations and reports related to the state of the economy.Automation of data collection with Excel, and data visualisation using dashboards.	October 2020 – August 2021
Economist trainee <i>General Directorate of Economic Analysis, Catalan Government</i> <ul style="list-style-type: none">I wrote a note about people Not in Employment, Education or Training (NEETs), later featured in newspapers.	February 2020 – July 2020
Statistics degree scholarship <i>Polytechnic University of Catalonia</i> <ul style="list-style-type: none">Review classes for freshmen and creation of activities to motivate students.	October 2018 – May 2019

Projects

Udacity's Data Science Nanodegree <ul style="list-style-type: none">Analyzing the impact of COVID-19 on Barcelona's Airbnb market: Short descriptive analysis using Python and tabular data for different periods.ETL and ML pipelines.	May 2021 – Aug. 2021
Dimensionality reduction for clustering with deep neural networks <i>Statistics Degree Final Project, with Honours (10/10)</i> <ul style="list-style-type: none">The aim of this work is to analyse how dimensionality reduction can help clustering improve its performance.I do a series of experiments with several image datasets and unsupervised learning algorithms to analyse their performance.	Jan. 2020 – Sep. 2020
Determinants of the demand for education in Spain and Catalonia <i>Economics Degree Final Project, with Honours (9.5/10)</i> <ul style="list-style-type: none">The aim of this work is to identify the determinants of demand for secondary and higher education in both Spain and Catalonia and to analyse whether there is a certain intergenerational determinism in education.I use pooled cross-sectional data from the Labour Force Survey to perform a series of logistic regressions in order to show which variables determine the demand for education.	March 2020 – July 2020

Languages & Computer skills

Languages: Spanish and Catalan (native), English (C2), Chinese (beginner)

Programming languages: R (advanced), Python, Stata, SQL

Markup languages: L^AT_EX, HTML/CSS (beginner)

Others: Working knowledge of data analysis, machine learning algorithms and natural language processing

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