

Nicolás Forteza

Data Scientist at Bank of Spain
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Employment

Data Scientist, Bank of Spain, *DG Economics and Research* 2020-
Data Scientist, Keepler Data Tech 2018 - 2020
Data Scientist, ETS Asset Management, *Quantitative Research* 2017 - 2018

Education

M.Sc. Economics Research, Universidad Nacional a Distancia (UNED) 2021 -
M.Sc. Data Science, CUNEF 2017
B.Sc. Economics and Finance, Universidad Autónoma de Madrid 2016

Software

APPS

Spanish Survey of Household Finances [website](#) 2022

OPEN SOURCE LIBRARIES

expden: [Github repo](#), [PyPi project](#) 2023

ggBdE: R CRAN Project (*Soon!*) 2023

Research

WORKING PAPERS

A Score Function to Prioritize Editing in Household Survey Data: A Machine Learning Approach,
with [Sandra García-Urbe](#) 2023
Draft soon

Alternative Measures of Unemployment using Machine Learning, with [Sergio Puente](#) 2023
Draft soon

News Concentration, with [Sandra García-Urbe](#) 2023

Conferences

Symposium of Data Science and Statistics @ [American Statistical Association](#) 2023

Empirical Research with Large Datasets @ [Banco de Portugal Microdata Research Laboratory](#) 2022

Big Data and Data Science Applications and Development at Central Banks @ [CEMLA](#) 2021, 2022

[Anomaly Detection Talk @ TechFest](#), Universidad Carlos III de Madrid

2019

Teaching

R Programming at Blockchain School of Management. [Link](#) to course

2021, 2022

Courses

Deep Learning Nanodegree, Udacity

2019

Programming Languages

Python, R, SQL, Scala, Matlab, Javascript (jQuery, react), CSS, HTML

References

Available upon request