PEDRO IRABURU

I am a young Economist, born in 1995, fanatic of programming and data analysis. Since being introduced to Python when I wrote my degree thesis, I have also learnt R, Matlab and Stata. I am currently enrolled in my second master, in the VU. After finishing, I plan to specialize in Data Science, Finances, Econometrics, or in a similar field.

🎓 EDUCATION

2021 | 2020

Master's Econometrics and Operations Research
Vrije Universiteit   📍 Amsterdam, The Netherlands

· The master focuses on developments in theory, methodology and application of econometric and statistical methods for the analysis of Big Data. I am currently enrolled in two specializations: Financial Econometrics, and Econometrics and Data Science.

2020 | 2019

Master in Economics: Empirical Application and Policies
EHU/UPV   📍 Bilbo, Spain

· Learning of the theoretical, empirical and computational methods that economists use to understand markets and analyze data. Fully taught in English. Academic average of ~9.0/10.
· Thesis: "Social class segregation in upper-secondary school choice in Canada".. Done in R, using 2012 PISA data, and a multinomial logit model as central axis (9.5/10)

2019 | 2015

Degree in Economics
University of Malaga   📍 Malaga, Spain

· Thesis: "Computable Dynamic General Equilibrium with free hardware and software", with honors, done in Python with a Raspberry Pi.
· One of the 10 best academic careers of the Economics degree 2015/2019.

2015 | 2013

Coursed two years of the Double degree in Mechanical and Electrical Engineering
University of Malaga   📍 Malaga, Spain

· I had always enjoyed Mathematics and Natural Sciences, so I assumed that engineering would be a fitting a choice. From these two years I got my interest on programming, as I was taught C++, and although it was highly educational, I realized it was not the right choice for me.

2013 | 2011

Bachelor of Science
Colegio Ecos   📍 Marbella, Spain

· Academic average of 9.32/10.00

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CONTACT INFO

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🎧 GitHub: @piraburu

PROGRAMMING SKILLS

® R

🐍 Python

◤ Matlab

TₑX LaTeX

Ⓜ Markdown

▦ Stata

🔧 SKILLS

Data Science

· I have strong quantitative and computational skills, handling a wide array of tools and programming lenguages to do so, from R to Python, Matlab and evolutionary computing techniques. I have learnt to analyze and understand data from different fields and databases, such as labor, energy and cultural markets, PISA, EUKlems and MCVL.

Financial Data Analysis

· A recent interest of mine, I have developed good skills handling financial data from the VU master's courses, including binomial trees, volatility measures (GARCH, GAS models), and the Black-Scholes.

Econometrics/statistics

· I master many econometric and statistical methods: from regression of qualitative dependent variables, to time series, multivariate models and panel data analysis. I have a good understanding on the theoretical and practical components of the most popular econometric methods, and how to apply them to large quantities of data to construct models.

Social Sciences Component

· Having coursed Behavioural Economics and having studied other topics related to the social aspects of the human psyque, allows me to interpret results where there is a large human component.

Micro and Macroeconomics knowledge

· Game theory, market analysis, DSGE models, monetary markets, growth theory... are some of the relevant fields I am profficient in, both from a theorical and practical approach.

🌐 LANGUAGES

Spanish
Native

English
Advanced level, also in academic environment   📍 Cambridge

· Cambridge English: Advanced (CAE)
· One school year in King's Bruton, Somerset.

German

Initiate level

📍 Goethe Institut

· A2 Goethe-Zertifikat
· Two weeks deutsch course in Garmisch-Partenkirchen.

FUTURE PROJECTS AND PLANS

Econometrics, Data Science, Finance

· I want to improve my current data analysis skills and bring them to a
  more practical/field related approach.

WORK EXPERIENCE

2019

Consultant Assistant

Malaga, Spain

📍 PLAYS Consultores

· I spent three months working in PLAYS, a consultancy agency in Malaga
  city. I mainly did accounting and business analysis.