

# Silvana Acosta

Data Scientist • Econometrician

🇮🇹 Italian-Uruguayan 📍 Poblenou, 08005, Barcelona, Spain 🧑 She/Her  
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## Experience

### Lead Data Scientist

Dynatrace

📅 Feb 2025 – Jun 2025

📍 Spain

Leading 3 DS in dev & deploy ML & causal AI. Large-scale tabular data analysis, reliable models & scalable ML workflows. Python, Snowflake, AWS, Jenkins. Cross-functional work, stakeholder comms, mentoring.

### Senior Data Scientist

Activision Blizzard King

📅 Jan 2021 – Aug 2024

📍 Spain

Getting insights on millions of daily players and their actions. AB design, analysis, hypothesis testing, data viz, reports, R package dev, & new features in rule-based model & web app in prod. R, Python & BigQuery.

### Associate Director Data Scientist

UBS

📅 Jul 2020 – Nov 2020

📍 Switzerland

Anti-financial crime transaction models validations: assessments of models, its docs, data, & improvements, leading a project, supervising a data scientist, & presenting to stakeholders. Python & Oracle.

### Quantitative Risk Analyst

Nasdaq

📅 Apr 2019 – Jun 2020

📍 Sweden

Dimension reduction, clustering algos, & option pricing models, using intra-daily data. Fetching & assembling data, analysis, data viz, modeling, documenting, & automated reports. R & SQL Server.

### Researcher & Teacher

Aarhus Universitet, CREATES

📅 Sep 2013 – Aug 2018

📍 Denmark

Parametric & non-parametric estimators, parallelized simulations, developing mathematical results, & analysis of the TAQ dataset of the NYSE at a 1-second frequency. I also taught econometrics courses.

### Researcher & Teacher Assistant

UdelaR & UM Universities

📅 Mar 2008 – Aug 2013

📍 Uruguay

Policy impact & panel data set work for causal inference, & data analysis on behavioural experiments & macroeconomics data sets. I also taught introductory micro & macro for undergraduates.

### Consultant & Analyst

Deloitte & CINVE

📅 Mar 2007 – Jun 2008

📍 Uruguay

Updated international finance data & contributed to econometric models & reports (Deloitte). Analysis of National Household Survey & healthcare data to assess in national healthcare reform (CINVE).

## Education

### Ph.D. & M.Sc. in Economics

Aarhus Universitet, CREATES

📅 2015 & 2018

📍 Denmark

Research in Financial Econometrics, Time-Series, High-Frequency Data, with courses in Real Analysis, Probability Theory, Markov Chains, etc.

### B.A. & M.A. in Economics

UdelaR & UM Universities

📅 2011 & 2013

📍 Uruguay

Microeconomics, Macroeconomics, & Econometrics. Specialized courses in Game Theory, covering consumer & firm behavior.

## Proud

- 📍 First Generation Graduate  
Second one to get a bachelor degree in my family (congrats cousin!) & the first one to go for graduate studies.
- 🏆 Grants & Scholarships  
Working while studying, I succeeded also to get young researcher national grants & a full scholarship in Uruguay.
- 📍 Convertings & New Beginnings  
From economics to math & finance, to programming & data science, and having lived in 7 countries in the way.

## Skills

- SQL Server
- BigQuery
- Snowflake
- R
- Python
- RMarkdown
- Jupyter
- LaTeX
- GitHub
- Docker
- GHA
- Jira
- Notion
- GitHub Projects
- Time-Series
- Causal Inference
- Statistical Learning

English       
Spanish