

# Nestor Narbona Chuvli

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[github.com/nestor](https://github.com/nestor)

## Personal Statement

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I am a Data Scientist based in Amsterdam. Originally from Spain, I've been living in the Netherlands for the past five years. Working with data and code is my passion, and it has been my job for a few years now. I appreciate the computational and mathematical complexities of the role, sometimes slipping into the shoes of a software developer, other times embodying a meticulous logician. I mostly enjoy working in the context of business, psychology and finance. I enjoy collaborating with colleagues and exchanging skills and different approaches to the craft.

## Experience

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**Data Scientist**, Machine Learning Programs – Amsterdam, NL Feb 2024 – Present

- We develop pricing and risk assessment products for insurers and insurance brokers
- My role involves from the initial data analysis and exploration, to ML and modeling, and finally development of client interfaces

**Teacher Assistant**, University of Amsterdam – Amsterdam, NL Jan 2023 – Feb 2024

- Teacher Assistant for Computational Sciences (BSc)
- Lectures and practical sessions on data analysis (i.e. Python) and web development (i.e. HTML, CSS, Python, SQL)
- Intake and communication with clients in development of web applications

**Junior Lecturer**, Athena Studies – Amsterdam, NL May 2021 – Jun 2022

- Athena Studies is the N.1 Dutch company offering study assistance at university level
- My role involved preparing material and giving lectures on a variety of statistics and data analysis courses
- Students evaluation: 9.52

## Education

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**University of Amsterdam**, Computational Science Minor Sept 2022 – June 2023

- GPA: 8.75/10
- **Coursework:** Computational modeling, data analysis, linear algebra, probability theory

**University of Amsterdam**, Psychology Major Sept 2019 – June 2022

- GPA: 8.19/10 (graduated with Honors)
- **Specialization:** Research Methods & Statistics
- **Thesis:** Using Social Media Analytics to Explore Political Involvement and Polarization
- **Coursework:** Behavioral change, statistics, experimental design, scientific data analysis, social psychology

**IES Pere Boil, Valencia**, International Baccalaureate (IB) Sept 2017 – June 2019

- GPA: 41/45
- **Coursework:** Business management, Spanish literature, French, mathematics, history

## Projects

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*\*Only projects not protected under NDA are shown*

**Modeling information diffusion in empirical and theoretical social networks** [github.com/project-cs](https://github.com/project-cs)

- Evaluating empirical validity of the Barabási-Albert network model in the context of information diffusion
- **Topics:** Network analysis, hypothesis testing, data visualization, information diffusion modeling

### **Stock value prediction based on sentiment analysis of financial articles**

[github.com/project-sda](https://github.com/project-sda)

- Evaluate the predictive value of sentiment recorded in financial news on stock prices.
- **Topics:** Time series, natural language processing, hypothesis testing, financial modeling

### **Measuring political involvement in Twitter using SVM and followers network**

report

- Improvement on methods used to measure political involvement and attitude of Twitter users.
- **Topics:** SVM classifier, natural language processing, API, model fitting, measurement validity

### **Using Social Media Analytics to Explore Political Involvement and Polarization**

[github.com/thesis-project](https://github.com/thesis-project)

- Using Twitter data we evaluate the fitness of the Cusp Catastrophe model when applied to the field of attitude change.
- **Topics:** attitude modeling, natural language processing, API, model fitting

## **Technologies**

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**Languages:** Python, SQL, Bash, R, HTML, CSS

**Technologies:** Git, Jupyter, Pandas, Pytest, Scikitlearn, FastAPI, Flask, Seaborn, Linux, SSH, Emacs