

# Nestor Narbona Chuvli

Amsterdam, NL | [nestor.chulvi@gmail.com](mailto:nestor.chulvi@gmail.com) | +31 682054375 | [nestor.com](https://nestor.com) | [linkedin/nestor](https://linkedin.com/in/nestor)  
[github.com/nestor](https://github.com/nestor)

## Personal Statement

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I'm a Data Scientist currently based in Spain, after spending the past five years working in the Netherlands. Data and code are my passion, with several years of hands-on experience. 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 also value applying a rigorous scientific method approach when tackling clients' questions. 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 – May 2025

- 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, Docker, Emacs