

Nestor Narbona Chuvli

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Personal Statement

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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| Universitat Oberta de Catalunya , Computer Science | Sept 2025 – Present |
| • GPA: 8.2/10 | |
| 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

*Only projects not protected under NDA are shown

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| Modeling information diffusion in empirical and theoretical social networks | 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

- 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

- 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

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

Technologies: Git, Jupyter, Pandas, Seaborn, SPSS, Pytest, Scikilearn, Pytorch, FastAPI, Flask, Linux Private Servers, Docker, Redis