

Daniel GONZALEZ CORTES



PROFILE

AI and data science specialist with a finance and academics background, experienced in building machine learning models, analytics pipelines, and cloud-based applications.

CONTACT INFORMATION

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PERSONAL PORTFOLIO

https://www.dgcml.com/

SKILLS

- Research
- Python, R, C++, SQL
- PyTorch, Node.js, AWS
- Excel, PowerPoint, LaTeX
- Languages: Spanish (native), English (fluent), French (fluent)

KEY ACHIEVEMENTS

AI systems and web platforms

Design and development of solutions for video analysis, report generation, and predictive applications.

- Significant reduction in analysis time through advanced analytics tools.
- More than 3 complete projects successfully delivered.

International teaching impact

Teaching activities conducted in 3 countries and 2 languages, with a focus on data analysis and finance.

- Over 100 students trained in advanced analytical tools and techniques.

Scientific contributions

Publications in international journals on artificial intelligence applied to finance.

- 5 articles published, including 2 currently under review.

INTERESTS

Long-distance hiking, photography, rugby and robotics.

EXPERIENCE

Academic and Researcher <i>ISG Business School (Institut Sup��rieur de Gestion)</i>	April 2026 – Present
- Teaching and conducting research in AI and Finance. - Developing course curricula for the Tech & Management track of the Programme Grande ��cole.	
Data Science Consultant <i>Applied AI Specialist</i>	November 2024 – October 2025
Implementation of three complete web applications combining AI, natural language processing, artificial vision with automated analysis workflows and data visualization.	
Universidad San Sebasti��n, Chile · Remote <i>Lecturer, Big Data & Analytics course</i>	January 2025 – December 2025
NEOMA Business School, France <i>Research Fellow — AI, Data Science & Business Area of Excellence</i>	September 2020 – October 2024
- Support to faculty members in the design and implementation of AI and machine learning solutions, including web scraping, data preprocessing, and predictive modeling for applied research projects. - Co-author of five scientific articles published in international journals; instructor for the course <i>FRM: Mock Training Part II</i> for MSc students specializing in financial markets.	
IEDE Business School – UNAB, Chile <i>Instructor in Financial Analysis and Management</i>	December 2020 – January 2021
Universidad Central, Chile <i>Data Science Consultant</i>	April 2020 – August 2020
Development of an automated reporting system integrating academic data, survey results, and teaching performance indicators, generating customized reports for several hundred faculty members.	
INTERNSHIP EXPERIENCE	
Euroberry, Spain <i>Financial Controlling Intern</i>	September 2019 – January 2020
Ministry of Finance of Chile <i>Analyst and Developer Intern</i>	July 2018 – January 2019
Cadi Ayyad University, Morocco <i>Machine Learning Research Intern</i>	December 2017 – January 2018
EDUCATION	
Universidad de Deusto, Spain <i>PhD in Engineering</i>	October 2020 – March 2025
Dissertation: "Enhancing Financial Time Series Prediction and Asset Allocation with Machine Learning and Artificial Intelligence." (CUM LAUDE)	
NEOMA Business School, France <i>PhD in Management</i>	October 2020 – December 2024
Dissertation: "Artificial Intelligence in Finance – A Compendium of Research."	
NEOMA Business School, France <i>Master in Management (Grande ��cole)</i>	January 2019 – December 2019
Specialization: Financial Markets and Risk Management.	
Universidad de Deusto, Spain <i>Exchange Year</i>	January 2017 – December 2017
Universidad Andr��s Bello, Chile <i>Engineering Degree</i>	March 2014 – December 2018
- With a distinction in Management and a specialization in Finance. - Graduated CUM LAUDE	