+31 619028655 **Eduardo Medina** eduardomedinaoliveira@gmail.com

## PROJECTS

*Master's thesis*

- Engineered a machine learning model to perform imputations on missing financial market data, which resulted in a statistically significant decrease of 50 basis points in the portfolio's excess returns
- Leveraged R for model training and implementation, and Python for data analysis and visualization

## EMPLOYMENT EXPERIENCE

**Reg Reporting Data Analyst** NatWest Markets, Amsterdam Nov 2023 - Present

- Wrote a Python script as a solution for short-term liquidity reporting, decreasing submission time by 4 hours
- Utilized SQL to retrieve relevant data for reporting on debt securities held, the loan portfolio, and capital
- Monitored the deposits portfolio and collaborated within a team to ensure the successful deliveries of DGS reports
- Involved in data management and troubleshooting in tooling issues

**Research Assistant** University of Amsterdam, Amsterdam Jan 2023 - Oct 2023

- Partnered with an Associate Professor to write a python script aimed at large-scale data scraping, gathering relevant data on equity compensation for all public companies in the pharmaceutical industry in the US
- Co-authored the literature review and analysis of a working paper and worked with a professor on the
- Implemented diff-in-diff, and multiple parameter regressions to determine the role of intangible capital in firm growth

**Teaching Assistant** University of Amsterdam, Amsterdam Sep 2021 - Sep 2023

- Taught biweekly tutorials for two years in Economics, Finance, and Research Methodology.
- Graded assignments and exams for more than 80 students per period
- Collaborated in meetings with fellow assistants to deliver high-quality material to students, and ensured students were in a comfortable learning environment

## EDUCATION

**MSc Quantitative Finance** (Duisenberg Honors program), UvA Sep 2022 - Jun 2023

- Secured 3rd place in a month-long stock market investment game
- Mastered Python to perform analysis in financial data, and performed advance research in asset pricing with a focus on cross-sectional and time series momentum
- Developed and tested advanced volatility risk models such as GARCH

**BSc Business and Business Economics,** UvA Sep 2019 - Jun 2023

## EXTRA INFORMATION

- **Skills:** Python, R, Stata, Github, LaTeX
- **Languages**: Portuguese (mother tongue), Dutch (B1), Spanish (A2)
- **Interests**: Cycling, Basketball, investing, writing, games, and good food