

Julia Mazzola

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Spring 2025 college graduate with a B.S. in Economics and Statistical Data Science and experience in risk analysis, data visualization, and machine learning. Proven ability to apply statistical and economic principles to develop predictive models and analyze market trends to extract actionable insights. Seeking a challenging role in financial analysis, data analytics, or data science to leverage my analytical skills and further contribute to data-driven decision-making.

EDUCATION

University of Connecticut, Storrs, CT **August 2021 – May 2025**
Bachelor of Science in Economics & Statistical Data Science **GPA: 3.75/4.00**
Domain in Financial Analysis

- **Dean's List:** Spring 2024, Fall 2023, Spring 2023, Fall 2022 | **New England Scholar:** 2023
- **Related Coursework:** Convex Optimization and Machine Learning, Economic Forecasting, Financial Econometrics

EXPERIENCE

The Cigna Group **Morris Plains, NJ**
Underwriting & Analytics Intern **May 2024 – July 2024**

- Worked collaboratively with stakeholders and subject matter experts to create a comprehensive finance workflow chart resulting in enhanced team understanding of the client pricing cycle and internal financial processes.
- Developed data-driven strategy roadmaps for the Pricing Team, analyzing client requests, risk assessment, internal procedures, and projected financial impacts of new pharmaceuticals and legislation on pricing models.
- Presented findings and visualized insights for project stakeholders and team members, offering data-driven explanations to address understanding, ensure clarity, and drive alignment on improvements.

UConn Sports Statistical Learning Internship **Storrs, CT**
Field Hockey Video Analyst **August 2024 – December 2024**

- Developed statistical learning models in Python to analyze penalty corner metrics, integrating data analysis and visualizations to support strategic play planning and informed coaching decisions.
- Extracted and analyzed data from season game footage to provide coaching staff insights on tactical strategies, scout performance, and zone entries, resulting in optimized gameplay tactics and improved team performance.
- Configured and managed camera equipment and sideline technologies to ensure precise data capture, enabling real-time analysis of player actions, substitutions, and tactical adjustments.

LAN Associates **Midland Park, NJ**
Operations Intern **June 2023 – August 2023**

- Analyzed and developed essential databases and documents through MS Excel to maintain current and accurate information that enhanced internal client understanding and business development operations.
- Utilized Adobe InDesign to craft informative and visually appealing graphics featured in company social media posts, press releases, email campaigns, and presentations.

UConn Department of Economics **Storrs, CT**
Peer Academic Advisor **August 2024 – Present**

- Facilitate informed decision-making for students through academic advising on course selection, CLAS requirements, and major plan-of-study, ensuring alignment with academic goals during drop-in hours.
- Lead group advising workshops for first year and transfer students, presenting essential information on course registration and academic resources, while fostering peer-to-peer engagement and addressing individual concerns.

Economics Tutor **September 2024 – Present**

- Deliver comprehensive in-depth explanations of economic theories, address student questions, and support their understanding of both introductory and intermediate macroeconomic and microeconomic concepts.
- Cultivate an inclusive environment, encouraging students to ask questions and actively participate in discussions.

PROJECTS

- **Data Visualization with Plotnine:** Contribution to class notes for UConn's Introduction to Data Science course.
- **Field Hockey APC Analysis:** APC Analysis with data visualizations and predictive models to assess scoring outcomes.
- **NASDAQ Price Prediction:** Applies statistical learning techniques to predict the NASDAQ Composite Index.

TECHNICAL SKILLS

- Python, R, Stata, Git/Github, VS Code, Excel, Word, Outlook, Minitab, Adobe InDesign, Google Workspace