

Stefanie Neumeier, PhD

Senior Data Analyst

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[LinkedIn](#) Stefanie Neumeier

Summary

I'm a quantitative researcher with ten years of experience in product analytics and data science, specializing in survey design, statistical modeling, causal inference, experimental design, and text & network analysis. Proficient in SQL, Python, and R, I turn complex data into clear, actionable insights for product, engineering, and leadership teams.

Experience

May 2023 – present

Edward Jones - Remote

Senior Data Analyst | October 2025 – present

Senior Statistical Analyst | September 2024 - October 2025

Applied Statistical Analyst | May 2023 – September 2024

- Designed, led, and executed advanced statistical analyses to support data-driven decision making across the firm, applying regression, panel/DiD models, and quasi-experimental methods to evaluate program effectiveness, digital adoption, and strategic initiatives.
- Conducted 15+ quantitative studies and partnered with business stakeholders to translate complex analytical findings into actionable insights for senior leadership.
- Developed, validated, and maintained firm-wide performance metrics (capacity, burnout, adoption indices) using statistical modeling, factor analysis, PCA, and imputation techniques to ensure accurate measurement across a population of 19,000+ financial advisors.
- Provided methodological consulting across product, engineering, and data science teams, advising on research design, model specification, and approach alignment with organizational goals.
- Drove research on AI integration, evaluating GenAI tools for research workflows and delivering 20+ presentations to cross-functional teams and leadership.
- Mentored junior analysts and collaborated cross-functionally to ensure analytical rigor, model transparency, and alignment with firm-wide strategy.

May 2022 – August 2022

Quantitative User Experience Research Intern

Meta - Menlo Park

- Designed and executed quantitative research (7000+ participants; survey experiment, text analysis, regression) to drive strategic decisions, improve processes, and impact product launches to enhance user and business experience
- Collaborated with cross-functional partners (product design, product managers, data science, SWE) to produce product designs and early prototype ideas and add to roadmaps
- Conducted cognitive testing of survey questions to update existing and develop new metrics, resulting in improved data quality and more accurate insights
- Facilitated quantitative research workshops to develop research best practices and mentor new researchers

June 2021 – December 2021

Market Research & Data Science Intern

Leaf Group - Santa Monica

- Synthesized 30+ quantitative research findings into actionable recommendations, created dashboards with Tableau, and presented results to cross-functional partners (designers, product managers, and SWE)
- Researched and compared 5+ competitors using Google Analytics and SEMRush and identified customer pain points to update web content and deliver seamless user experience
- Collaborated with different stakeholders to build models and clustering algorithms in Python to boost the performance of websites (website traffic) by 15%

August 2017 – May 2023

Academic Researcher

University of Southern California

- Led 30+ large-scale, end-to-end quantitative (surveys, regression analysis, ANOVA, factor analysis, T-tests, Chi-square) and qualitative (ethnographic fieldwork, interviews, case studies, etc.) research projects
- Trained and mentored a team of 10+ researchers and oversaw 10+ quantitative and qualitative studies

March 2021 – March 2022

Quantitative Researcher & Survey Methodologist

Cornell University - Covid-19 Project

- Oversaw a team of 5+ researchers, assigned tasks, and supervised the completion of 3+ quantitative projects
- Built and launched 3 surveys (survey experiment, conjoint survey) with 3000+ participants in Qualtrics and analyzed results in R to advance vaccine acceptance rates and improve vaccination rollout strategies

Skills

Expertise

Quantitative Research, Data Science, Surveys, Experiments, Regression & Statistical Modeling, A/B Testing, Data Analysis, Sample Selection & Quota Design, Max Diff, Data Visualization

Programs

R, Python, SQL, Google Analytics, SEMRush, Figma, Qualtrics, Tableau, Pendo, Microsoft Office

Soft Skills

Problem Solver, Project Management, Cross-Functional Collaboration & Communication

Education

2017 - 2023	Ph.D in Political Science & International Relations (University of Southern California)
2018 - 2021	M.S. in Applied Economics and Econometrics (University of Southern California) Track: Big Data Economics
2015 - 2017	M.A. in International Studies (University of Oklahoma)
2013 - 2015	B.A. in International Studies (University of Idaho)

Awards

CIS Graduate Student Research Grant 2020-23 (\$5,000), Bartling Fund for Graduate Student Research 2020-21 (\$6,000), Hovel Summer Travel Award (\$5,000, 1 out of 50 applicants), 2020-21 Oakley Endowed Fellowship (\$35,000, 1 out of 70 applicants), Michael Young Memorial Fund Fellowship 2017-2018 (\$30,000, 1 per academic department)

Selected Publications

Neumeier, Stefanie. "Review: The New Constructivism in International Relations Theory." H-Diplo — Robert Jervis International Security Studies Forum, 2023, pp. 10–14.

Iakhnis Evgeniia, Stefanie Neumeier, Anne van Wijk, and Patrick James. "International Crises Interrogated: Modeling the Escalation Process with Quantitative Methods," in Oxford Research Encyclopedia of Politics, September 2020.

Neumeier, Stefanie and Wayne Sandholtz. "The Transnational Legal Ordering of the Death Penalty." UCI Journal of International, Transnational, and Comparative Law, Vol. 4, Spring 2019.

Neumeier, Stefanie, and Mark Raymond. "Human Security as a Global Public Good," in International Organization and Global Governance, 2nd ed., eds. Thomas G. Weiss and Rorden Wilkinson (New York: Routledge, 2018.)