Peter Silverstein

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Curious, data-driven researcher and analyst with quantitative skills in modeling, spatial analysis/mapping, and research design. I am passionate about sustainable urbanism, mass transit, housing policy, and clean energy.

Education

MA, Quantitative Methods in the Social Sciences; MPA, Public Administration *(in progress; anticipated graduation December 2026)*, Columbia University
- Awarded Dean's Distinguished Fellowship for 2025-26 academic year
- Secretary, Society for Quantitative Approaches to Social Research

BA, Marketing *(Magna Cum Laude)*, College of Business and Economics, Western Washington University. *Minors: Psychology, Analytics for Business.*
- Named the Outstanding Discipline Graduate in Marketing, 2021.

Relevant Coursework

Applied Regression & Causal Inference, Advanced Statistical Modeling for Social Science, GIS & Spatial Analysis, Data Analysis for the Social Sciences, Data Visualization, Machine Learning

Selected Professional Experience

Institute for Social and Economic Research and Policy, Departmental Research Assistant
January 2025 – Present; apprx. 10hrs per week
- Assist Dr. Gergely Baics in the Urban Studies department at Barnard with cleaning and processing a messy historical NYC population data set.
- Assess where a previous address standardization algorithm has failed, design a follow-up algorithm to standardize sets of outstanding addresses.

Dynata, LLC, Analyst, Research
November 2021 – May 2024; apprx. 40hrs per week
- Performed survey-based advertising effectiveness research using control/exposed methodology, analyzed and reported findings to external stakeholders.
- Utilized t-tests and logistic regression for analysis of findings.
- Responsible for managing research on 15-20 complex, high-value studies at a time.

ARES Tool, LLC, Category Analyst Intern
October 2020 – March 2021; apprx. 15hrs per week
- Completed market needs assessments for an online retailer.

Eventcore, Data Analytics Intern
June 2019 – September 2019; apprx. 20hrs per week
- Created custom Excel tools for upper management to assist with decision making.

<u>Skills</u>
- Software/Programs: R/RStudio, Python, SPSS, GIS/QGIS, Git/GitHub, SQL, GTFS Real-Time transit data
- Significance testing, applied regression modelling, causal inference, cross-validation, model selection, multilevel modeling, spatial data analysis, machine learning
- Data visualization, literature reviews, survey development, report preparation and presentation

<u>Conference Presentations</u>

Silverstein, Peter*, Catherine A. Armstrong Soule and Sara Hanson (2024), "'Secondbrand' Resale: When Traditional Retail Brands Resell Used Products," Behavioral Insights into Business for Social Good Conference, Vancouver, CA, June 2024.

Silverstein, Peter*, Catherine A. Armstrong Soule and Sara Hanson (2022), "Secondbrand Exchange: Traditional Retail Brands Selling Used Items*," Annual Society for Consumer Psychology Conference*, virtual.