Kivan Polimis

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Data scientist proficient in text as data methods, classification algorithms, and data visualization. Experience combining statistics, diverse data, and programming to identify cost-effective strategies.

Employment

2021– Data Scientist, Karna, Atlanta, GA 30345
Spearheaded survey analysis for COVID-19 vaccine communications projects, developed web dashboards with automated data ingest pipelines to convert manual processes and make data access/analysis more practical. Architected NPI Precheck application from data procurement to constructing machine learning algorithms.
Awards: 2023 President's Award, 2023 Technical Achivement Award, 2022 Community Engagement Award

2021– Lecturer, University of Washington, Department of Sociology, Seattle, WA 98195
Lectured remotely to students and provide training and mentoring to students as well as teaching assistants. Designed and executed comprehensive curricula and assessments for the "Data and Society" course that explores the individual and institutional impacts of how digital data is produced, collected, and analyzed.

2021–2021 Senior Policy Advisor, Office of Harris County Judge Lina Hidalgo, Houston, TX 77002
Established an automated health guidance system to inform policy decisions by integrating public health, surveillance, and administrative data. Co-chaired Harris County's American Rescue Plan Act Homelessness Working Group and lead development of $5.5 million permanent supportive housing program.

2020- Principal, Atlas Analytics, Houston, TX 77087
Engineered end-to-end data fusion approaches to perform market analysis, corporate valuations, and customer analytics. Client solutions merge diverse structured and unstructured data with statistical modeling and machine learning methods to analyze macro- and micro-trends and predict consumer behavior.

2018–2020 Data Scientist, MAANA, Houston, TX 77002
Optimized vessel scheduling by building machine-guided, user assisted micro-services to satisfy multiple shipping constraints. Conducted in-depth forensic analysis of historical trades and vessel utilization that uncovered actionable insights to optimize resource allocation and improve profitability through adoption of vessel optimization software.

Education

2017 Ph.D., Sociology, University of Washington
Center for Statistics and the Social Sciences: Certification in Social Statistics

2012 M.A., Sociology, University of North Carolina at Chapel Hill
Carolina Population Center Pre-doctoral Fellow

2009 B.A., Sociology, Princeton University

Select Publications

2020 Alexander, Monica, **Kivan Polimis**, and Emilio Zagheni. "Combining social media and survey data to nowcast migrant stocks in the United States". *Population Research and Policy Review.*

2020 Salganik, Matthew, Ian Lundberg, **et al.** "Measuring the predictability of life outcomes with a scientific mass collaboration". *Proceedings of the National Academy of Sciences*

Technical skills

Instructor   Software Carpentry Instructor, Data Carpentry Instructor

Software   R, Python, Spark, GraphQL, Docker, Jira, Stata, and Microsoft Office Suite

Tools   Git, LaTeX, shell scripting, Amazon Web Services Products, and Microsoft Azure Products