

Kivan Polimis

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Proficient in text as data methods, classification algorithms, and data visualization. Experience combining statistics, diverse data, and programming to identify cost-effective strategies. Adept at applying software development frameworks and strategic management principles.

Employment

- 2021– Data Scientist, [Karna](#), Atlanta, GA 30345
- * Designed applications that integrate machine learning algorithms for enhanced healthcare operations.
 - + high-risk patient models reduced costs by 10-20%.
 - * Automated monthly project reporting, saved 40 hours of analyst time.
 - * Led cross-functional teams from organizing strategic roadmaps to meeting project milestones.
- Awards:** [2023 President's Award](#), [2023 Technical Achievement Award](#), [2022 Community Engagement Award](#)
- 2021– Lecturer, University of Washington, [Department of Sociology](#), Seattle, WA 98195
- * Lectured remotely on data science topics (e.g., Algorithmic Bias, AI Ethics, Data Visualization).
 - * Designed curricula and assessments focused on producing, collecting, and analyzing digital trace data.
- 2021–2021 Senior Policy Advisor, Office of [Harris County Judge Lina Hidalgo](#), Houston, TX 77002
- * Implemented county-wide initiatives by collaborating intra-government and with private sector.
 - + estimated \$6 million annual savings from permanent supportive housing proposals.
 - * Developed automated COVID-19 reporting that diminished run time by 90% and improved data quality.
- 2020– Principal, [Atlas Analytics](#), Houston, TX 77087
- * Applied statistical modeling and NLP to increase referral conversion approximately 20%.
 - * Engineered data fusion approaches for market analysis, corporate valuations, and customer analytics.
 - * Architected cloud computing solutions for scalable data processing and analysis.
- 2018–2020 Data Scientist, [MAANA](#), Houston, TX 77002
- * Optimized with machine learning micro-services for addressing dynamic shipping constraints.
 - + [vessel optimization software](#) cut route planning from hours to minutes.
 - * Conducted cost baseline analysis of historical trades forecasting \$100 million annual savings.
- 2016–2017 Program Manager, eScience Institute, Data Science for Social Good, Seattle, WA 98195
- * Organized program resources, created rigorous student selection process, and scheduled activities.
 - * Coordinated with industry partners to incorporate real-world data science challenges into projects.

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