

Kivan Polimis

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Objective Data scientist experienced in (un)supervised learning, natural language processing methods, and data visualization. Proven history integrating computationally-intensive approaches to analyze diverse data and identify cost-effective strategies within business processes.

Education

2017 Ph.D., Sociology, University of Washington
Center for Statistics and the Social Sciences: Certification in Social Statistics
Dissertation: Developing Computational Approaches to Investigate Health Inequalities
advised by: Hedwig Lee (co-chair), Kyle Crowder (co-chair), Emilio Zagheni, Ariel Rokem, and Darryl Holman

2012 M.A., Sociology, University of North Carolina at Chapel Hill

2009 B.A., Sociology, Princeton University

Employment

2018- Data Scientist, [MAANA](#), Houston, TX 77002

2017-2018 Postdoctoral Researcher, Università Bocconi, Milan, Italy 20136
Modeled population dynamics such as migration behavior, family postponement, and political polarization with the combination of multiple APIs (e.g., Zillow, Twitter, and Facebook), computational methods, natural language applications, and administrative data (e.g., US Census/American Community Survey).

2017-2017 [Program Coordinator](#), eScience Institute, Data Science for Social Good, Seattle, WA 98195
Planned and scheduled Data Science for Social Good (DSSG) activities/tutorials, assembled the DSSG teams, and interacted regularly with teams and stakeholders to support project success.

2017-2017 Civic Technology Fellow, Microsoft, Civic Technology and Engagement, Seattle, WA 98104
Prototyped and designed [Legal Financial Obligations \(LFO\) Calculator](#) for Washington Courts. Captured legal information and judicial process to develop a web application for standardized LFOs statewide.

2016-2017 Data Science Consultant, King County Auditor's Office, Seattle, WA 98104
Create predictive analytics that included demand projections and alternative-cost comparisons for Paratransit riders by analyzing Paratransit service's vehicle occupancy, deadhead time, and cost-per-trip.

2014-2014 Product Development Consultant, Seremedi, Houston, TX 77002
Designed chronic illness databases for mobile app that allowed patients to better understand the relationship between their current physical well-being, treatment plans, and chronic conditions.

Affiliations

2019- Regional Affiliate, [Center for the Study of Demography and Ecology](#), Seattle, WA 98105

2017-2018 Postdoctoral Affiliate, [Bocconi Institute for Data Science and Analytics](#), Milan, Italy 20136

Software

2017 **Polimis, Kivan** "[yandex-translater](#): R package to interface with the Yandex Translate API"

2016 Rokem, Ariel, **Kivan Polimis**, and Bryna Hazelton
"[forest-confidence-interval](#): Confidence intervals for Forest algorithms"

Technical skills

Instructor [Software Carpentry Instructor](#), [Data Carpentry Instructor](#)

Software R, Python, GraphQL, and Stata

Tools Git, \LaTeX , bash, select Amazon Web Services Products, and select Microsoft Azure Products