# Adam Visokay

Seattle, WA
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Website: avisokay.github.io
github.com/avisokay
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I am a Sociologist by training with expertise in Science and Technology Studies (STS) and developing novel applications of AI/ML tools to study social phenomena – economic impacts and public health in particular. The core thrust of my research focuses on evaluating and interpreting the benefits and pitfalls of using language models for social scientific discovery in this rapidly evolving research environment.

## Education

**Ph.D. in Sociology**, University of Washington, Seattle, WA, USA. **2023 — present**
**M.A. in Sociology,** *Chair: Professor Tyler H. McCormick* **2024**
**M.A. in Economics**, Syracyse University, Syracuse NY, USA **2017**
**B.A. in Economics & in History**, University of Virginia, Charlottesville, VA, USA **2016**

## Select Publications

"From Narratives to Numbers: Valid Inference Using Language Model Predictions from Verbal Autopsy Narratives" **COLM 2024**
S Fan*, **Adam Visokay***, K Hoffman, S Salerno, L Liu, J Leek, T McCormick. [link]

"GPT Deciphering Fedspeak: Quantifying Dissent Among Hawks and Doves" **EMNLP 2023**
D Peskoff, **Adam Visokay**, S Schulhoff, B Wachspress, A Blinder, B Stewart. [link]

## Experience

**Insights Contributor: Research & Development at Trustible.AI** **2025 — present**
**Graduate Research Assistant, University of Washington** **2024 — present**
- Led mixed-methods research combining large-scale web scraping with geospatial analysis for the Seattle Housing Authority

**NLP Analyst, Washington State Center for Court Research** **2023 — 2024**
- Designed and implemented NLP pipeline to analyze court text records, identifying systemic patterns in fine distribution
- Conducted socioeconomic impact analysis of court fines across different demographic groups and translated technical findings into policy recommendations for more equitable court practices

**Pre-Doctoral Research Assistant, University of Washington** **2021 — 2023**
- Conducted empirical research on network effects and information diffusion using computational methods
- Developed novel approaches for estimating network features from aggregated relational data
- Migrated STATA code-base to R and implemented simulations to optimize network-based survey sampling

**Post-Baccalaureate Research Assistant, Sciences Po** **Summer 2021**
- Built and maintained ETL pipeline for digital museum artifacts (>500k observations)
- Developed BERT entity matching system to classify artifacts by geographic, temporal, and technological dimensions

## Invited Talks

**eScience Institute, UW,** *Data Science Seminar* **12 Nov 2024**
**Center for Studies in Demography and Ecology, UW,** *Computational Demography Working Group* **06 Nov 2024**
**Fred Hutchinson Cancer Center,** *Deep Learning Affinity Group* **05 Nov 2024**
**US Census Bureau xD,** *Intersection of ML and Social Science Series* **10 July 2024**

## Teaching

**University of Washington** **2023 — present**
- Graduate Student: Math Camp, Center for Statistics and the Social Sciences **Summer 2024**
- Undergraduate: Survey of Sociology (110), Statistical Concepts and Methods for the Social Sciences SOC (221)

## Skills

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|---|---|---|
| **Languages** | Python; | *networkx, NLTK, spaCy, bs4, PyTorch, tensorflow, sklearn* |
| | R; | *IPD, shiny, torch, igraph, bayes{Life;Pop;TFR;MIG}* |
| **Quantitative Research** | Inference on predicted data (IPD), NLP, DL (RNN & LSTM), probabilistic modeling (MCMC, LDA, BHM) | |
| **Other** | Git, LaTeX, MarkDown, Azure, PostgreSQL, Jupyter, Apache Airflow, Docker | |

## Activities

Home cooking, baking sourdough, pickle ball, camping and running (my best mile time is 4:02)