

ADAM VISOKAY

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SELECT PUBLICATIONS

From Narratives to Numbers: Valid Inference Using Language Model Predictions 2024
from Verbal Autopsy Narratives – *Conference on Language Modeling (COLM)*

LLM predictions from text narratives, then correcting inference to account for predicted data.

GPT Deciphering Fedspeak: Quantifying Dissent Among Hawks and Doves – *EMNLP* 2023

Is GPT-4 any good for a highly technical linguistic task using economic text data?

Quantifying dissenting views on inflation among members of the US Federal Reserve Board since 1994.

EXPERIENCE

Graduate Research Assistant, *University of Washington, Seattle, WA* 2024 -

Seattle Housing Authority - automating scrapers tools, maintaining ETL pipeline, analysis. 2024

Graduate Teaching Assistant, *University of Washington, Seattle, WA* 2023 -

Graduate Student Math Camp, STAT 221, SOC 110

Independent Consulting, 2024 -

Washington State Center for Court Research (WSCCR) – built NLP pipeline to clean and model text data from court records to identify fine and restitution recipients by type. 2024

Sound Data Project – created website with community info for the UW Puget Sound Survey project. 2024

Researcher, *University of Washington, Seattle WA* — *R, STATA, Python* 2021 - 2023

Advised by Professors Rachel Heath and Tyler McCormick.

Diffusion on networks, survey sampling, evaluating network formation models (LS, ERGM, SBM, etc.)

Research Assistant, *Sciences Po, Paris, Remote* — *Python* Summer 2021

Primary data collection and feature engineering for Historical Migrations, Trade, and Growth ([HMTG](#)) project with [Professor Thomas Chaney](#). Emphasis on ETL pipeline, NLP, entity matching.

Professional Runner, *Reebok* 2018 - 2021

Track & Field distance runner representing the Reebok Boston Track Club internationally. Steeplechase.

EDUCATION

PhD Sociology, *University of Washington, Seattle WA* 2023 -

MA Sociology, *University of Washington, Seattle WA* 2023 - 2024

MA Economics, *Syracuse University, Syracuse NY* 2016 - 2017

BA Economics & History, *University of Virginia, Charlottesville VA* 2012 - 2016

SKILLS

Methods *supervised & unsupervised learning, inference with predicted data (IPD), deep learning, vector embeddings, optimization, scraping, network modeling, MLE, dimension reduction, visualization, probabilistic projection, bayesian HM,*

Python *networkx, nltk, spacy, bs4, TensorFlow, PyTorch, and Sklearn, keras*

R *igraph, Tidyverse, shiny, matrixSTATS, openNLP, IPD, torch*

Other *STATA, Julia, L^AT_EX, SQL, Apache Airflow, Docker, Azure*

ACTIVITIES

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