MEGHA JOSHI

Experienced statistician with strong background in causal inference. I drive impact and growth by infusing teams with data-driven insights.

WORK EXPERIENCE

2021 | Present

Quantitative Researcher
American Institutes for Research — Austin, TX

- Leads quantitative impact analyses by developing methodological strategies for projects using causal inference, machine learning, and meta-analysis. Conducts the analyses and mentors junior staff.
- Conducts methodological studies to examine performance of different statistical methods.

2021

Data Scientist
Analyst Institute — Austin, TX

- Developed the codebase infrastructure to conduct inferential analysis on data with over a hundred million rows and data with complex structures.
- Designed the analytical strategy to conduct the inferential analysis.
- Solved methods related issues such as selecting appropriate cluster robust variance estimator, and estimating marginal causal effects.

2016 | 2021

Graduate Research Assistant
The University of Texas at Austin — Austin, TX

- Led the methods team for program evaluation projects. Developed and implemented the analytical strategy. Delegated analytic tasks and mentored junior staff.
- Produced reports and presentations detailing the results to be presented to a non-technical audience.

2015 | Present

Graduate Teaching Assistant
The University of Texas at Austin — Austin, TX

- Assisted in the following courses: Causal Inference; Data Analysis, Simulation, and Programming in R; and, Statistics in Market Analysis.
- Effectively communicated complex statistical methods to students with little prior background in the field.

EDUCATION

2021

The University of Texas at Austin
PhD in Quantitative Methods — Austin, TX

2014

Bryn Mawr College
BA in Art History and Psychology — Bryn Mawr, PA

CONTACT INFO

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For more information, please contact me via email.

SKILLS

Statistical Software: R, Python

Version Control: Git

Project Management: Asana, Trello

RESEARCH INTERESTS

Causal inference

Meta-analysis

Machine learning

R PACKAGES

wildmeta 0.3.2

simhelpers 0.2.0