MEGHA JOSHI

🎓 EDUCATION

2021 (expected)

The University of Texas at Austin
PhD in Quantitative Methods   📍 Austin, Texas

Advisor: Dr. James E. Pustejovsky

Thesis: Cluster wild bootstrapping to handle dependent effect size in meta-analyses

Qualifying document: Methods to handle missing data when using propensity score analysis

2014

Bryn Mawr College
BA in Art History and Psychology   📍 Bryn Mawr, Pennsylvania

🖥 EXPERIENCE

2017 | Present

Graduate Research Assistant
The University of Texas at Austin   📍 Austin Texas
- Evaluated the impact of a college preparatory program using propensity score analysis with generalized boosted modeling.
- Worked with large datasets, integrating data from multiple sources.

2018

Graduate Research Assistant
The University of Texas at Austin   📍 Austin Texas
- Analyzed data using propensity score matching to evaluate School of Undergraduate Studies programs. Automated creation of reports using R Markdown.
- Conducted a workshop on impact assessment.

2015-2016

Integrated Community Development Intern
A Glimmer of Hope Foundation   📍 Austin, Texas
- Analyzed data related to health, education, water, sanitation, and microfinance projects carried out by the organization in Ethiopia.
- Developed a method to estimate the number of people who have benefited from the projects.

🖳 TEACHING EXPERIENCE

2015 | Present

Graduate Teaching Assistant
Assisted in the following courses: Data Analysis, Simulation, Programming in R; Research Design; Survey of Multivariate Methods; Fundamental Statistics; and, Statistics in Market Analysis.
📍 Austin, Texas

CONTACT INFO

✉ megha.j456@utexas.edu

🌐 meghapsimatrix.com

 github.com/meghapsimatrix

📞 469-235-3003

For more information, please contact me via email.

SKILLS

Experienced in statistical analysis, data vizualization, and program evaluation.

Highly skilled in R, Python, SQL, Tableau, Excel.