

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 sizes in meta-analysis

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 micro-finance 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**

The University of Texas at Austin

📍 Austin, Texas

- Assisted in the following courses: Data Analysis, Simulation, Programming in R; Research Design; Survey of Multivariate Methods; Fundamental Statistics; and, Statistics in Market Analysis.

CONTACT INFO

✉ megha.j456@utexas.edu

🌐 meghapsimatrix.com

🔗 github.com/meghapsimatrix

☎ 469-235-3003

For more information, please contact me via email.

SKILLS

Statistical analysis and data
visualization

Causal inference and missing data
analysis

Predictive modeling

R, Python, SQL, Tableau, Excel

*This resume was made with the R package **pagedown**.*

Last updated on 2019-12-02.