MEGHA JOSHI

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

🖥 WORK EXPERIENCE

2020
|
Present

Graduate Research Assistant
The University of Texas at Austin   📍 Austin, Texas

- Created surveys to collect information on the impact of COVID-19 outbreak on students, faculty and staff at the College of Education.
- Collaborated with team members and delegated data-analytic tasks.
- Generated reports to be disseminated to the College of Education.

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.
- Integrated large relational datasets containing information on all students in Texas schools from multiple sources. Wrangled the data for analysis.
- Created technical reports on the findings; communicated findings to stakeholders.

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
The University of Texas at Austin   📍 Austin, Texas

- 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, Texas

2014

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

CONTACT INFO

✉ megha.j456@gmail.com

🌐 meghapsimatrix.com

⭘ github.com/meghapsimatrix

📞 469-235-3003

For more information, please contact me via email.

SKILLS

Statistical analysis and data vizualization

Causal inference, experimental design, meta-analysis, and missing data analysis

Machine learning

R, Python, SQL, Git, Tableau

R PACKAGE

simhelpers 0.1.0