MANUEL ALCALÁ KOVALSKI
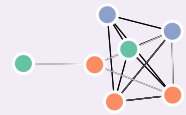
I have made interactive visualizations viewed by thousands of people, authored he Brookings branded R visualization package, and written over 40 blog posts

🎓 EDUCATION

B.A., Mathematical Economics (minor in Statistics)
University of Pennsylvania, Class of 2019   📍 Philadelphia, PA

- Relevant coursework: Probability, Mathematical Statistics, Stochastic Processes, Forecasting, and Computer Programming

💻 WORK EXPERIENCE

Current | 2019

Senior Research Assistant
The Brookings Institution - Hutchins Center on Fiscal & Monetary Policy
📍 Washington, D.C.

- Streamlined data collection by web scraping in R, automated data cleaning, modeled data, and communicated results through parametrized reports
- Led data science trainings on R package development, data manipulation in R using the Tidyverse, and version control using Git and GitHub for 65+ staff across the entire organization
- Built R Shiny applications to communicate insights from macroeconomic data

2018

Summer Undergraduate Minority Research Scholar
Leonard Davis Institute   📍 University of Pennsylvania

- Independently analyzed data on 322,264 hospital admissions admissions using logistic regression in Stata

2018 | 2017

Undergraduate Researcher
Health Management and Policy Department   📍 University of Miami

- Conducted data analysis on projects related to health services research using R, Stata, and Python

🔖 PUBLICATIONS

2021

The relationships between marijuana use and exercise among young and middle-aged adults
Preventive Medicine

2018

Self-reported Health Status Differs for Amazon's Mechanical Turk Respondents Compared With Nationally Representative Surveys
Medical Care

CONTACT

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🐙 github.com/malcalakovalski

SOFTWARE

🎓 Package {ggbrookings} - Author, maintainer.

SKILLS

Skill	
R	
Git & GitHub	
Markdown	
Shiny	
HTML/CSS	
SQL	
Python	