

MARK BARRETT

Research/data analyst from Ireland (with US Citizenship) with experience in global policy research. Well-versed in delivering objective analysis with modern data analytic tools (R, SQL, Python, and Tableau).

I am looking for a position which allows me to leverage my skills in analysis, statistical programming, and data visualization.

INDUSTRY EXPERIENCE

Current
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2020

● Senior Research Data Analyst

CBRE

 Los Angeles, CA

- Track and improve data integrity by developing data quality measures using **R**
- Design **Tableau** dashboards to drive broker strategy and support Pacific Southwest leadership decision-making
- Produce reproducible, parameterized reports for CBRE's different product types and geographic markets using **RMarkdown**

2020
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2016

● Quantitative Research Assistant

RAND Corporation

 Santa Monica, CA

- Worked closely with senior researchers on public policy research projects spanning domains including **criminal justice, healthcare, education, and drug policy**
- Explored drivers of **truth decay** by analyzing media consumption, cognitive biases, and political attitudes using nationally representative survey data
- Drafted policy response summaries as part of the Transportation Sector team for **Puerto Rico's Disaster Recovery Plan**
- Developed visualization tools using **RShiny** and **plotly** to share policy analysis and results with funders and internal stakeholders.

2016

● Research Analyst

Loyola Marymount University

 Los Angeles, CA

- Prepared project proposal and conducted literature review to examine the psychological impact of cash transfer programs on motivation to work

2015
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2014

● RAINS Research Fellow

Loyola Marymount University

 Los Angeles, CA

- Designed and conducted experiment to examine the effects of caffeine on mental workload. Analyzed results using a fixed effects ANOVA test

EDUCATION

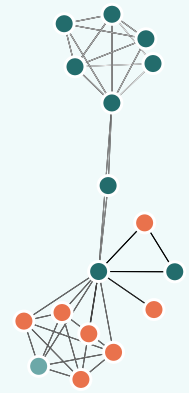
2016
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2012

● B.S., Economics & Psychology

Loyola Marymount University

 Los Angeles, CA

- Coursework includes Law & Economics, Advanced Econometrics, Psychology & New Technology, and Behavioural Economics



Network visualization of my career data

CONTACT

 markkbarrett@gmail.com

 github.com/MokeEire

 [linkedin.com/in/markkbarrett](https://www.linkedin.com/in/markkbarrett)

SKILLS & TECHNOLOGIES

Strong statistical background

Linear Regression, ANOVA, classification models

SQL (SQLite, PostgreSQL)

Experienced with data engineering (ETL) processes
Building and maintaining databases for personal projects

R, Python, STATA, SPSS

4+ years of experience working with wide variety of data formats (JSON, geospatial, XML, text, excel, etc.)

Tableau, RShiny, ggplot2, plotly

Designing both static plots and interactive dashboards to present analysis

Last updated on 2021-01-27.

Created with [RMarkdown](#) using the [datadrivencv](#) package.

PUBLICATIONS

- 2020 ● **A Database of Criminal Justice Needs for Innovation: Requirements for Developers and Funders: User Guide¹**
RAND Research Reports  Santa Monica, CA
- Hollywood, John S., Brian A. Jackson, Annie Brothers, Mark Barrett, Dulani Woods, and Michael J. D. Vermeer
- 2019 ● **Who Plays, Who Pays? Funding for and Access to Youth Sports²**
RAND Research Reports  Santa Monica, CA
- Whitaker, Anamarie A., Garrett Baker, Luke J. Matthews, Jennifer Sloan McCombs, and Mark Barrett
- 2018 ● **Access to Medical Treatment for Injured Workers in California: Year 2 Annual Report³**
RAND Research Reports  Santa Monica, CA
- Kapinos, Kandice A., Molly Waymouth, Mark Barrett, Cheryl K. Montemayor, Andrew W. Mulcahy, and Denise D. Quigley
- 2017 ● **What It Takes to Operate and Maintain Principal Pipelines: Costs and Other Resources⁴**
RAND Research Reports  Santa Monica, CA
- Kaufman, Julia H., Susan M. Gates, Melody Harvey, Yan Wang, and Mark Barrett
- 2017 ● **Social and Emotional Learning Interventions Under the Every Student Succeeds Act: Evidence Review⁵**
RAND Research Reports  Santa Monica, CA
- Grant, Sean, Laura S. Hamilton, Stephani L. Wrabel, Celia J. Gomez, Anamarie A. Whitaker, Jennifer T. Leschitz, Fatih Unlu, Emilio R. Chavez-Herrerias, Garrett Baker, Mark Barrett, Mark Harris, and Alyssa Ramos
- 2017 ● **School Leadership Interventions Under the Every Student Succeeds Act: Evidence Review: Updated and Expanded⁶**
RAND Research Reports  Santa Monica, CA
- Herman, Rebecca, Susan M. Gates, Aziza Arifkhanova, Mark Barrett, Andriy Bega, Emilio R. Chavez-Herrerias, Eugeniu Han, Mark Harris, Katya Migacheva, Rachel Ross, Jennifer T. Leschitz, and Stephani L. Wrabel
- 2017 ● **Principal Pipelines: What Are They and What Do They Cost?⁷**
RAND Research Reports  Santa Monica, CA
- Kaufman, Julia H., Susan M. Gates, Melody Harvey, Yan Wang, and Mark Barrett