**Jane Stout, Ph.D.**

**Data Scientist**

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LinkedIn: <https://www.linkedin.com/in/jane-stout-phd/>

GitHub: <https://github.com/gagejane>

# Proficiencies Statistical Inference ~ Data analysis ~ Experiments ~ Survey Design ~ Programming ~ Qualitative and quantitative methods ~ Project management ~ Program evaluation ~ Public speaking ~ Media Contact ~ Grant writing ~ Client relations ~ Data visualization ~ Budget management

# Software Skills Python ~ R ~ SPSS ~ SQL ~ Git ~ Unix ~ G-suite ~ MS Office

# Theoretical Social Psychology ~ Education ~ Implicit Bias ~ Diversity and Inclusion ~ Gender ~ Race and Expertise Ethnicity ~ Socioeconomic status ~ Intersectionality ~ Social Identity

**Data Science** [Services Provided by Terrorist Groups](https://github.com/gagejane/Capstone1)

**Projects ** Conducted EDA and data visualization on terrorist groups’ services provisions

* + - * Packages: numpy, pandas, geopandas, matplotlib, plotly

[Exploring Costs Affiliated with Oil Pipeline Leaks and Spills](https://github.com/equigley2/ds-case-study-data-exploration/blob/master/case_study_1.md):

* + - * Conducted EDA on costs associated with oil pipeline leaks and spills
      * Packages: numpy, pandas, matplotlib, pyplot

**Education** **Galvanize, Inc., Denver, CO**

# Present – Dec 2018

# Data Science Immersive Program

**University of Massachusetts Amherst, Amherst, MA**

Sep 2006 to Aug 2011

* Ph.D. and M.S. in Social Psychology, Concentration in Quantitative Methods

**Augustana College, Rock Island, IL**

Sep 2001 to May 2005

* B.A. in Psychology, Summa Cum Laude, GPA 3.93, Minors in French and Music

**Select Experience Research Design and Methodological Consultant**

Sep 2014 to present, clients listed below:

* American Physical Society
* WGBH Educational Foundation
* University of California, Los Angeles
* EgoBoom

**Director, Center for Evaluating the Research Pipeline (CERP)**

Feb 2013 to April 2018, Computing Research Association (CRA), Washington DC

* Developed and directed research agenda aligned with the CERP mission
* Developed budgets and staffing plans; hired and managed staff
* Presented research results to diverse audiences
* Published academic research and generated reports for clients
* Disseminated research findings via webinar, media contact, and social media
* Designed surveys, used quantitative and qualitative methods, and analyzed data
* Collaborated with communications, data science, and administrative teams

**Research Scientist**

Aug 2011 to Feb 2013, University of Colorado Boulder, Boulder, CO

* Conducted experiments and survey research
* Analyzed large, longitudinal datasets
* Trained and managed personnel in analytics
* Presented research findings to interdisciplinary audiences