

PAUL JOHNSON

QUANTITATIVE SOCIAL SCIENTIST DATA SCIENCE & MACHINE LEARNING

I am a social scientist and data scientist based in London. My academic research has focused on party and party system change in established political systems. Professionally, I am interested in using statistical methods and machine learning for modeling human behavior and the social world.



🎓 EDUCATION

2020 2017	● M.A. Political Science University of Houston	📍 Houston, TX
2012 2011	● M.Sc. Global Politics University of Southampton	📍 Southampton, UK
2011 2008	● B.A. Politics University of Sussex	📍 Brighton, UK

💻 SELECTED WORK EXPERIENCE

Present 2021	● Principal Data Scientist NHS South, Central and West CSU	📍 Remote
	• Leading research on the wider determinants of health inequalities and supporting the development of SCW's health inequalities dashboard	
	• Supporting analytics and research projects across the organization with statistical inference and machine learning techniques	
2021 2021	● Associate BI Consultant NHS South, Central and West CSU	📍 Remote
	• Supported the Population Health Management team with research design, statistical modeling, and communication and visualization of findings	
2020 2018	● Graduate Research Assistant University of Houston	📍 Houston, TX
	• Developed natural language processing models for research into political language in legal texts	
	• Supported the Political Party Database Project Survey	
2020 2017	● Graduate Teaching Assistant University of Houston	📍 Houston, TX
	• Courses: Intro to Comparative Politics, Mexican Politics, Comparative Elections, Media & Politics	

CONTACT

- ✉️ paul@pauljohnson.net
🐦 [paul_johnson89](https://twitter.com/paul_johnson89)
linkedin [paulj1989](https://www.linkedin.com/in/paulj1989/)
github [paulj1989](https://github.com/paulj1989)
🔗 [pauljohnson.net](https://pauljohnson.net/cv)

SKILLS

Analytical: Statistical Modeling, Causal Inference, Machine Learning, Deep Learning (Computer Vision & NLP)

Programming: R, Python, SQL

Packages: tidyverse, tidymodels, shiny, pandas, numpy, sklearn, spaCy, nltk, Tensorflow, Keras

Tools: Git, Docker, Azure ML Studio

CV built using [datadrivencv](#) & [pagedown](#).

Last updated on 2021-11-24.

2017
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2016

- **Fundraising Manager: Product Innovation**
Marie Curie 📍 London, UK
 - Managed Marie Curie's biggest regular fundraising campaign (Fundraising My Way)
 - Assisted the development of new fundraising products and the innovation of existing campaigns

2016
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2015

- **Events & Corporate Fundraiser**
World Child Cancer 📍 London, UK
 - Developed, recruited, and managed the charity's largest charity event to-date (Kilimanjaro trek) and various major events (Ride 100, Great North Run)
 - Supported the Head of Corporate Fundraising in the successful corporate partnership with Deutsche Bank

2015
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2012

💼 FURTHER WORK EXPERIENCE

- **Various Administrative Roles**
Charity Sector & NHS 📍 UK
 - Family for Every Child – Events Coordinator
 - University Hospital Southampton – Oncology Outpatient Clerk
 - University Hospital Southampton – Income Management Assistant

2020

Ἑ SELECTED PUBLICATIONS

- **The Nationalization of Mexican Parties** 
P Johnson & F Cantu. (2020). *Politica y Gobierno*. 27 (2).
 - Measuring the static and dynamic nationalization of Mexican parties, and the importance of national, state, and district factors in explaining the variance of the parties' electoral support.

LAB ONGOING RESEARCH

- **Hypothesis Testing for Reliability Statistics: A Permutation Approach** 
P Johnson & J Kirkland
- **Analyzing Bulgarian Constitutional Courts Using Natural Language Processing**
L Tiede, T Bagashka, S Chappa, P Johnson
- **How does the Presence of a Publicly Funded News Broadcast Affect Trust in News Media?**
P Johnson & B Sullivan