

## Steven Ellis

I am a data scientist and machine learning practitioner proficient in Python, R, and SQL.

### Experience

Data Scientist @ United States Digital Service ..... 1/2023 – 6/2023

- Sole data scientist and USDS presence on White House Working Group on Puerto Rico.
- Used USASpending.org APIs, R, and Python to produce analysis of funding for Puerto Rico.

Data Scientist @ GoBuild ..... 7/2020 – 6/2021

- First data scientist, developed company's sole product, contributed to successful YCombinator application, demo, and funding round.
- Used R to build XGBoost model of home renovation impact on resale value.

Head of Data Science @ Divvy Homes ..... 9/2018 – 6/2020

- First data scientist, hired and managed two employees.
- Used R to develop XGBoost models of home pricing and creditworthiness.
- Used R, Python, NLP, and unsupervised learning to model income for underwriting.
- Developed and deployed ML services on AWS.

Data Scientist @ Uber Technologies ..... 5/2014 – 12/2016

- Used Python/Pandas, Random Forest to quantify business partnership value.
- Built dashboards in D3.js, Looker to track partnerships rollouts.
- Led internal DevRel for mobile experimentation infrastructure.
- Introduced causal inference techniques to marketplace experimentation.

Quantitative UX Researcher @ Google ..... 4/2011 – 4/2014

- Used conjoint analysis and high-dimensional matching in R to guide Google Fiber GTM.
- Built interactive, live dashboard in D3.js to track Google Fiber rollout and guide logistics.
- Mined advertising data to Identify sales leads for Google Identity Platform partnerships.
- Conducted in-person research and production A/B tests on Google SSO.

### Education

Applied Psychology @ Brown University ..... A.B. 2011