

Steven Ellis

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

Experience

Independent Developer 7/2023 – Current

- Various projects at <https://github.com/stevenae>.

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

- Used R, Python to analyze spending data for White House Working Group on 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 three employees.
- Used AWS, 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 AWS, Python/Pandas, Random Forest to quantify business partnership value.
- Built dashboards in Looker, D3.js / hosted on AWS 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