

SKILLS

G-Suite, SQL, Python, Python, SQL, Tableau, Pandas, Microsoft Office Suite, G-Suite

SUMMARY

I'm a naturally curious and motivated individual, with high interest in exploring the data of a quantified world.
I'm always eager to improve myself and contribute to new and unique questions in data science.

EXPERIENCE

METIS

Data Scientist

San Francisco, CA

June 2020 to Sept. 2020, June 2020 to Sept. 2020

- Immersive 12-week project-based data science program at the only accredited data science bootcamp in the industry.
- Completed five distinct data science projects as part of the curriculum.
- Coursework includes regression, web scraping, classification, databases, machine learning, supervised & unsupervised learning, natural language processing.

YOUGOV

Research Analyst

San Francisco, CA

Aug. 2018 to June 2020

- Conducted research studies for San Francisco Bay Area tech giants as clients, learning their research objectives, writing survey questionnaires to meet the needs of those goals.
- Accurately interpreted and analyzed final data, using attention to detail and knowledge of statistics to guide clients through the results in YouGov's data analytics software.
- Employed quantitative research knowledge to help conduct monthly and quarterly reporting.
- Worked closely with project managers to support project delivery under tight time-constraints.

PROJECTS

CAN ATTRIBUTES PREDICT PERFORMANCE IN PRO CYCLING?

- Used Scikit-learn and logistic regression on web-scraped pro cyclist data to predict pro cyclist performance based on athlete attributes.
- Found that although pro cyclists mostly fit certain molds, many less tangible factors make pro athlete performance difficult to predict on athlete characteristics alone.

ANATOMY OF SPAM TEXT MESSAGES

- Using Doc2Vec as well as other unsupervised learning & NLP methods, successfully separated spam and normal text messages into clusters based on - document similarities.
- Insights were drawn on inherent properties spam text messages had distinguishing them from normal text messages.

CONTEXTUALIZING BANK CHURN

- With supervised learning, explored different models to classify Churners and Non-churners on a bank customer dataset.
- Performed a hypothetical cost-benefit analysis of different models, ultimately choosing Random Forest as the most financially effective model for the bank to use to combat churners.

COVID-19'S IMPACT ON THE 2020 ELECTION

- Analyzed COVID-19, voting, and polling datasets to make inferences on the pandemic's effects on the political landscape.
- Made US election predictions via Facebook Prophet time-series forecasting on state polling numbers.
- Found that while COVID-19 did affect President Trump's approval, it was by an insignificant margin on a nationwide scope.
- Concluded democratic and republican counties do not have notably different COVID-19 cases/capita from each other.

EDUCATION

University of California, Davis

Bachelor of Art Economics - Specialty in Data Analytics and Economic Analysis 2018