

Evan Phillips

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Education

University of California, Berkeley

May 2021

Bachelor of Arts and Sciences

- Economics (major) and Data Science (minor)
- Major GPA: 3.56
- Minor GPA: 4.0

Relevant Coursework: Linear Algebra and Differential Equations, Computational Structures in Data Science, Economic Analysis—Micro, Probability and Mathematical Statistics in Data Science, Economic Analysis—Macro, Economic Statistics and Econometrics, Investments, Financial Institutions and Markets, Health Economics, Global Poverty and Impact Evaluation, Principles & Techniques of Data Science, Principles of Business.

Work Experience

Data Science Intern, Katch Media, Los Angeles, CA.

August 2020 – December 2020

- Constructed fixed-effects model to understand and predict how the box-office of a film in a particular country relative to its market influences films' commercial success based on presence of components (genre, setting, music, etc.).
- Used LASSO regression to minimize film components predicting film box-office to only the most statistically significant for particular countries for better indication of film-culture intersection.
- Fixed-effects model had up to 84% accuracy predicting a film's box-office based on a sample with 800 films scraped from IMDB website.

Wealth Management Intern, UBS Financial Services, Bellevue, WA.

May 2018 – August 2018

- Prospected and researched local dentist demographic and sent over 2500 letters with 20% response rate offering financial services by using mail merge and excel to print labels of dentist addresses.
- Utilized Peachtree on team of 6 advisors to update a variety of client records on a daily basis using Excel for the usage of CFPs and CFAs.
- Reviewed financial models and ensured that the correct data was reflected within them.

Projects

Spam email classification

November 2019 – December 2019

- Created function taking in set of words common in spam emails and Pandas series of 8348 real-world labeled training set emails using binary indicators for spam words.
- Started with a training accuracy of 75.8% and improved training accuracy to 83.3% by using more features common in spam emails for logistic regression training matrix.

Centers for Medicare and Medicaid services

October 2019 – November 2019

- Provided dataset listing cumulative charges for procedures billed to Medicaid and Medicare for more than 3000 hospitals.
- Used permutation techniques to probe for statistical significance for the difference of patient payments between U.S. regions based on diagnoses in R.
- Concluded, based on my data, region impacts how much a patient pays for Medicare/Medicaid.

Skills

Software: Python, R, Stata, SQL, MS Excel, MS PowerPoint, Pandas, Seaborn, Sklearn

Quantitative Ability: Hypothesis testing, A/B testing, Exploratory Data Analysis, Data Collection/Cleaning, Statistical Inference, Linear regression, Logistic Regression, Data Visualization, Data Modeling, Classification, Clustering, Communication/Interpretation of results.