Jonah Wiener-Brodkey

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**Professional Experience**

Acumen, LLCWashington, D.C. (Remote)

*Data and Policy Analyst IISeptember 2022 – Present*

* Utilized SQL to extract and analyze multimillion-record healthcare data sources, fulfilling ad-hoc client requests for tailored datasets.
* Maintained and enhanced record linkage algorithm for linking study cohorts to Medicare data, achieving match rates over 90% through quality assurance, algorithm optimization, and custom solutions.
* Predicted hospital admission counts with regression model trained on 19 million records and 200+ features.
* Created county-level wage index maps for presentation to the U.S. Congress, resulting in a 2.2% increase in payments to rural hospitals and improved access to care for underserved communities.

Third PlateauSacramento, CA

*Consultant; ContractJuly 2022 – September 2022*

* Researched best practices in scholarship allocation processes and recommended improvements to support a multimillion-dollar funder in streamlining its grant structure.
* Conducted 12 stakeholder interviews, synthesized findings, and developed detailed action plan, earning the project a perfect Net Promoter Score from the client.

Pacific Life Insurance CompanyLos Angeles, CA (Remote)

*Data Analytics InternJune 2021 – September 2021*

* Developed key performance indicators (KPIs) for first call resolution by consolidating and analyzing 1.5 million records of past customer service calls.
* Identified process bottlenecks and recommended new business metrics by building a logistic regression model in R, achieving 70% accuracy in predicting customer service case resolution.

**Education**

**University of California, Los Angeles (UCLA)GPA: 3.94**

*Bachelor of Science, Statistics September 2018 – June 2022*

*Minor in Digital Humanities Magna Cum Laude*

**Project Experience**

Using K-Means Clustering to Predict the NBA Playoffs*April 2022 – June 2022*

* Implemented cluster analysis in Python to predict playoff series winners with 67% accuracy.

Optimizing Study Plan for *Jeopardy!* with NLP*April 2021 – June 2021*

* Wrote a script in R that cleans text from past *Jeopardy!* questions and generates word clouds for common topics. Used script to make 800+ flashcards to study for the *Jeopardy!* National College Championship.

**Other Experience**

The Data Science Union (DSU) at UCLA

*External Vice President April 2021 – March 2022*

*Professional Outreach DirectorApril 2020 – April 2021*

* Built DSU’s client project division from ground up. Established partnerships with 5 companies and nonprofits in 2 countries. Connected 20+ members to clients for long-term consulting projects.

**Skills**

SQL, Python (Pandas, NumPy, Scikit-learn, Matplotlib), R (ggplot2, dplyr, Shiny), Tableau, SAS, Excel

**Coursework**

Data Analysis and Regression

Data Mining

Design & Analysis of Experiment

Mathematical Statistics

Linear Models

Probabilistic Decision-Making