

Jonah Wiener-Brodkey

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Professional Experience

Acumen, LLC <i>Data and Policy Analyst</i>	Washington, D.C. (Remote) <i>September 2022 – Present</i>
<ul style="list-style-type: none">Utilized SQL to extract and analyze multimillion-record healthcare data sources, fulfilling ad-hoc client requests for tailored datasets.Trained negative binomial regression model on 19 million data points to predict hospital admission counts.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.Automated a recurring manual data extraction task, reducing task completion time by 80% while minimizing the risk of human error.	
Third Plateau <i>Consultant; Contract</i>	Sacramento, CA <i>July 2022 – September 2022</i>
<ul style="list-style-type: none">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 Company <i>Data Analytics Intern</i>	Los Angeles, CA (Remote) <i>June 2021 – September 2021</i>
<ul style="list-style-type: none">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
<i>Bachelor of Science, Statistics</i>	<i>September 2018 – June 2022</i>
<i>Minor in Digital Humanities</i>	<i>Magna Cum Laude</i>

Project Experience

Using K-Means Clustering to Predict the NBA Playoffs	<i>April 2022 – June 2022</i>
<ul style="list-style-type: none">Implemented cluster analysis in Python to predict playoff series winners with 67% accuracy.	
Optimizing Study Plan for <i>Jeopardy!</i> with NLP	<i>April 2021 – June 2021</i>
<ul style="list-style-type: none">Wrote a script in R that cleans text from past <i>Jeopardy!</i> questions and generates word clouds for common topics. Used script to make 800+ flashcards to study for the <i>Jeopardy!</i> National College Championship.	

Other Experience

The Data Science Union (DSU) at UCLA	
<i>External Vice President</i>	<i>April 2021 – March 2022</i>
<i>Professional Outreach Director</i>	<i>April 2020 – April 2021</i>
<ul style="list-style-type: none">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	Design & Analysis of Experiment	Linear Models
Data Mining	Mathematical Statistics	Probabilistic Decision-Making