Kobe Sarausad

| [LinkedIn](https://www.linkedin.com/in/kobe-sarausad-5290b1b9/)  [Portfolio](https://kobesar.github.io) | [ksarausa@uw.edu](mailto:ksarausa@uw.edu)  425-449-3681 |
| --- | --- |

Education

| University of Washington  *Bachelor of Science in Statistics: Data Science*  GPA: 3.55/4.00 | Seattle, WA | Sep 2019 -June 2023 |
| --- | --- | --- |

Relevant Coursework: Data Structures and Algorithms, Foundational Skills for Data Science, Statistical Computing, Data Visualization, Machine Learning

Experience

| MLB  *Analytics Intern* | New York City | Jun 2022 - Aug 2022 |
| --- | --- | --- |

| * Automated data pulls using R scripts to improve efficiency of work * Segmented customers of MLB products using clustering methods in Python to come up with strategies to target certain audiences and groups |
| --- |

| University of Washington  *Data Science Intern* | Seattle, WA | Sep 2022 *- Present* |
| --- | --- | --- |

| * Prototyped a data visualization of complex academic data and helped lead a study to improve the visualization  | Seattle Mariners  *Business Insights Intern* | Seattle, WA | Nov 2022 *- Present* | | --- | --- | --- |  | * Worked in the Microsoft CRM environment to manage data clarity and cleanliness * Computed projections using machine learning models on various kinds of data in Finance, Business Operations, etc… | | --- | |
| --- | --- | --- | --- | --- |

Projects

| * *Polarization of Congress (*[*R*](https://kobesar.github.io/projects/project_svd.html)*)*   + Discovered hidden trends in data using SVD on the roll calls of congress   + Reported results using ggplot and Rmarkdown * NBA MVP prediction *(*[*R*](https://github.com/kobesar/drp)*,* [*slides*](https://kobesar.github.io/projects/presentclean)*)*   + Predicted the NBA MVP using machine learning models that used sentiment analysis   + Achieved 77% accuracy throughout the 2010-2022 NBA seasons   + Presented results through Ioslides in Rmarkdown * *American Homelessness (*[*Vega-Lite*](https://observablehq.com/d/f90eaa1c774a1b62)*)*   + Created interactive visualizations using Vega-Lite to uniquely present the trends and patterns of homelessness in the United States * *Miscellaneous Data Visualizations (*[*Twitter*](https://twitter.com/swingmisstake)*,* [*Observable*](https://observablehq.com/@kobesar?tab=notebooks)*)* |
| --- |

Skills

| * Software Tools: Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, Tableau, GitHub, Microsoft Excel * Computing:   + Proficient:      - Data Analysis: tidyverse, tidymodels, hypothesis testing, statistical prediction, principal component analysis, machine learning     - Reporting: RMarkdown, Shiny, kableExtra     - Visualization: ggplot2     - Development: R package development, unit testing, code coverage, version control via GitHub   + [Basic/Familiar]: git, bash, Python, Java, HTML, CSS, JavaScript, Node.js, Vega-Lite, SQLite, SQL * Languages:   + English   + Japanese (N3) |
| --- |