Daniel Cavazos

cavazd@uw.edu ● (206) 248-2728 ● linkedin.com/in/cavazd ● cavazd.github.io ● Seattle, WA

Education

Bachelors of Science in Informatics – Data Science | University of Washington – Seattle   **Jun. 2023c**

GPA – 3.81 | Major GPA – 3.94

Minor in Statistics

Relevant Coursework:	*Core/Advanced Methods in Data Science, Statistical Computing, Applied Linear Algebra and Numerical Analysis, Professional and Technical Writing, Interactive Information Visualization*
In-Progress Coursework:	*Database Design and Management, Information Systems Analysis and Design*

Technical Skills

Programming Languages:	Python, R, SQL, MATLAB/Octave, JavaScript – D3
Data Science Skills:	Machine Learning, Exploratory Data Analysis, Linear Regression, Web Scraping, Hypothesis Testing
Platforms:	Microsoft SQL Server, Tableau, JupyterLab, Microsoft Office, Git/GitHub
Coding Packages:	R – tidyverse (especially dplyr, ggplot2), Python – pandas, sklearn, matplotlib

Experience

University of Washington, Information School, Teaching Assistant   **Sep. 2021 – Jun. 2022**
- Taught INFO 290 (Orientation to Informatics) to upwards of 350 students over multiple quarters.
- Taught INFO 201 (Foundational Skills For Data Science) to 200 students.
- Updated, published, and maintained the course Canvas website to improve user experience.
- Hosted special sessions to explain Data Science concepts to 10 or more new Informatics admits.
- Created and taught informative classes on fundamental Data Science concepts to 25 students weekly, enhancing student understanding.
- Reviewed and provided feedback on student's coursework through grading and weekly office hours.

K&J Accounting, Administrative Assistant   **May. 2019 – Sep. 2019**
- Managed calls and in-person interactions with an average of 5 clients a day.
- Entered and interpreted client financial and sales data for use by the accounting team.
- Revised and created Microsoft Excel templates to increase managerial office efficiency.

Technical Projects

Analysis of Misinformation Spread via Buzzfeed Articles on Twitter (link)
- Evaluated the spread of misinformation in 182 unique Buzzfeed articles posted by 15,260 Twitter users to identify key users and subgroups within the social network.
- Performed data manipulation, network analysis, KMeans Clustering, and hypothesis testing using Python via JupyterLab.

Data Exploration and Visualization of Seattle Housing Permits (link)

- Collaborated with a teammate to analyze approximately 35,000 housing permits from the City of Seattle between the years 2017-2021 to provide insight into historical changes in housing construction.
- Performed data manipulation and created data visualizations using R via RStudio.
- Managed and performed the compilation of each teammate's section into the final deliverable.

Skills

Exploratory Data Analysis	Web Scraping	Hypothesis Testing
Data Cleaning	Report & Technical Writing	Linear Regression
Database Creation & Management	Data Visualization	Constructive Feedback