

Daniel Cavazos

daniel_c@comcast.net • (206) 248-2728 • [linkedin.com/in/cavazd](https://www.linkedin.com/in/cavazd) • cavazd.github.io • Seattle, WA

Education

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

GPA – 3.83 | Major GPA – 3.95

Relevant Coursework: Core/Advanced Methods in Data Science, Statistical Computing, Applied Linear Algebra and Numerical Analysis, Professional and Technical Writing, Interactive Information Visualization, Machine Learning, Nonparametric Statistics, 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 (dplyr, ggplot2)
Python – pandas, scikit-learn, Matplotlib, PyTorch

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 improving 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 increasing 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 identifying 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 providing 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

Data Cleaning	Cross-Functional Collaboration
Trend Identification	Report & Technical Writing
Database Creation & Management	Data Visualization