Daniel Cavazos

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Education

University of Washington – Seattle   **Sep. 2019 – Present**

Bachelor of Science in Informatics, specialization: Data Science
Minor in Statistics
UW Grade Point Average – 3.76
Relevant Coursework: Databases and Data Modeling, Core/Advanced
        Methods in Data Science, Statistical Computing, Computer
        Programming I/II, Probability I/II, Statistical Methods in Engineering
        and Science

Work Experience

University of Washington iSchool, Teaching Assistant   **Sep. 2021 – Present**

- Taught INFO 290 (Orientation to Informatics).
- Updated and published assignments, announcements, and general information on the course website
- Presented on the basics of Data Science in Informatics.
- Oversaw multiple group projects

K&J Accounting, Administrative Assistant   **May. 2019 – Sep. 2019**

- Managed calls and interactions with clients
- Entered client's financial and sales data into relevant systems
- Revised and created Microsoft Excel templates.

Activities

WINFO Hackathon   **Jan. 2020, Jan. 2021**

- Hackathon dedicated to designing for a wide array of issues emphasizing innovation and equity.
- Jan 2020 "Driven by Difference": Scrap Share
- Jan 2021 "Hacking Forward Together": calc-U-l8r

Projects

Analysis of Misinformation Spread via Buzzfeed Articles on Twitter

Analysis of the spread of misinformation in Buzzfeed articles found on Twitter. This analysis uses machine learning methods as well as statistical analysis to answer questions around this particular spread of disinformation.

Skills Learned/Used: Jupyter Lab, Python - pandas, matplotlib, sklearn, scipy, networkx – KMeans
        Clustering, Eigenfactors, Matrix Algebra, Exploratory Data Analysis, 2-sample t-test, 1-way
        ANOVA F-test

Affordable Housing in Seattle

A group project analyzing various forms of available housing in Seattle, WA. I examined Income-Restricted Housing over the years across the entire Seattle area as well as by individual city council districts.

Skills Learned/Used: Git, Github, R – tidyr, dyplr, stringr, ggplot2, leaflet – R Shiny, Exploratory Data
        Analysis

Skills

- Microsoft Office 365: Word, PowerPoint, Excel
- Spanish: Beginner – Intermediate Level
- Tableau
- Miro
- Git, Github
- Visual Studio Code
- Jupyter Notebook, Jupyter Lab
- Machine Learning, Data Analysis
- Teamplayer

Programming Languages:
- R (intermediate)
  - Packages: dplyr, ggplot2, tidyr, ggplot2, leaflet
- Python (intermediate)
  - Packages: sklearn, pandas, scipy.stats, matplotlib, networkx
- SQL (beginner – intermediate)
- JavaScript (beginner – intermediate)
- Java (beginner)