

Ellie Van Hattem

Data Analyst

CONTACT

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Adelphi, MD 📍
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EDUCATION

B.S.
Data Analytics and Management
Western Governors University
Sept 2022- July 2023
Salt Lake, Utah
GPA: 3.7

M.A.
Social Science Research
University Of Maryland
Aug 2021- May 2023
College Park, MD
GPA: 4.0

M.M.
Violin Performance
Boise State University
Aug 2019 – May 2021
Boise, ID
GPA: 3.98

B.A.
History and Literature
University of Oregon
Sept 2016 – June 2019
GPA: 3.87

B.A.
Violin Performance
University of Oregon
Sept 2016 – June 2019
GPA: 3.87

SKILLS

Programming: SQL, PostgreSQL
Python, R, Excel VBA
(Pandas, dplyr, ggplot2, DT and plotly)
Database: AWS-rds
Modeling: Linear and logistic regressions
Data Visualization: Excel, Google Sheets, Tableau, Powerpoint
Research: qualitative, quantitative, interviews, surveys, project development, regression analysis, IRB

Software tools:

VS code, Github, Sharepoint, DBeaver, MySQL Workbench

EXPERIENCE

Analyst | Exequat Lanham, MD | 2022-present

- Proposed, researched, created, and implemented a full stack website development program that increased brand recognition through professional mentorship and outreach by 30% in 6 months.
- Worked to identify business needs and propose solutions to stake holders utilizing Excel and Tableau analytical tools.

Social Science Instructor | University of Maryland, MD | 08.2021-05.2023

- Instruct students using visual presentation in critical thinking through controlled discussion about human psychological motivation, expression, and social and political movements throughout the world.
- Surveys conducted at the end of each concluding semester reported a significant 35% increase in reasoning among students and positive dramatic correlation with their increase in social awareness and understanding of other cultures.
- Developed and administered semi-formal interviews and conducted observational research.
- Attained IRB approval for academic fieldwork project.
- Analysis of attitudinal data and behavioral data.

Music Performance Instructor | Boise State University, ID | 08.2019-06.2021

- Instructed 2 classes each semester, monitored progress, assigned, and tracked assignments, evaluated student's presentations, exams, and performances, and modified the class structure based on professorial and survey feedback

Data Visualization

- Tableau dashboard that presented the key, authors, subjects, and concepts found in my master's thesis literature review
- Analysis Presentation project on if an avg person or minimum wage earner can live in Baltimore MD.

Data Analysis

- Created, cleaned, and analyzed a car dataset using five factors for an informed decision to buy a car.
- Tracked four factors (labor, statistics, population, and growth) in WA from 2000 to 2010 to discover current economic changes in the state

Python projects

- Built a recommendation program to choose movies based on mood of the user using a public API.
- Used YouTube API to create a PostgreSQL Database based on a YouTube channel, connected to a rds-AWS cloud database.