



Weathermen INC.

Josh Brown, Jarre' Owens, Farrius Dean

3/4/23, CNE340

Christine Sutton

Final Project – Statement of Work

Development Outline:

The goal of this program will be to compare rainfall levels in the Pacific Northwest to carbon levels over time and graph the data using PANDAS. We are currently looking at different APIs and trying to compare their data sets. At this point we have added these to our list:

<https://data.epa.gov/efservice/>

<https://open-meteo.com/>

(These are going to be the primary two we use unless we find significantly better data.)

Execution:

Our program will ingest weather data into a database, query it as needed, and then graph it for comparison. This program will compare the level of atmospheric carbon dioxide in Washington State against its annual rainfall to see if we can demonstrate a correlation between the two. We will conclude this project with a group presentation in late March.

Timeline:

3/1/23 – Start of project, coding and program design can begin

3/7/23 – Statement of Work completed and turned in

3/14/23 – Debugging of existing code and bug discussion

3/21/23 – Due date for deliverables

3/22/23 – Presentation date

PROVIDER AUTHORIZATION:

Josh Brown: _____ 3 / 7 / 23

Jarre' Owens: Jarre' Owens _____ 3 / 7 / 23

Farrius Dean: F.D. _____ 3 / 7 / 23

CUSTOMER AUTHORIZATION:

Christine Sutton: _____ / _____ / _____