**Leo Harth Final Project**

My final project is a Volcano explorer for educational and fun purposes. Please refer to the wireframe to better understand this proposal.

1) The data has region, subregion, and country fields, so I thought that would be a good initial navigation point. According to the selection of the first drop-down menu (region / sub-region / country), you get different versions of a second dropdown for you to select your geography.

2) Not all volcanoes have registered eruptions. So I thought I could offer an option to show only those who have, and a slider to adjust to a specific period in years. 3) The user would then select what he/she wants to visualize (elevation, dominant rock type, or type of volcano) and the markers would reflect that (and a legend would show up). I am not sure if that is too much or too little. Please let me know what you think. I would love to get an early start. The end of the semester is always busy.

I anticipate some challenges:

* I don’t know how to use drop-downs and sliders
* Ideally, the drop-downs would need to read the unique values of the previous field for the geographies (for example, if you select country, the next drop-down menu should display every country in a list). If it is too difficult, I guess I could restrict the selection to region and hard code all unique values (19).