**Documentation For Disaster Data Visualization**

**Schedule:**

2/20 – Refined my research questions. There are too many subtypes to analyze all at once. I will have to narrow down into certain groups. I am thinking of four groups: continent, country, subgroup, and type. From one of these I can analyze the others. For example, “in Asia, which are the most common disasters?” or “where do floods happen the most?”

I also want to do something analyzing the seasons. Perhaps an animation of a bar chart showing disaster distribution by subgroup or subtype, continent, and season.

I want to analyze *one* continent or country and *one* disaster type in depth.

Finally, I want to work with a numeric variable besides year and total deaths. This could be richter scale for earthquakes or wildfire coverage.

2/27

Since last week I have worked on understanding and utilizing the summarize() function in R. I have experimented with this to work on transforming data to isolate some of my questions. For example, I would like to see how disasters occur throughout the year and whether there is a pattern of arising for this depending on season.

**Discussion:**

Ideas I want to work on – top 10 countries with most disasters, disaster type by season