Website: https://sites.google.com/odu.edu/jadeamesmooredatascience/home

1) We use line charts for these types of Data so we can compare two variables. In this project we are comparing All Total Weather Events that happen monthly, if its snowstorms, hurricanes, thunderstorms. The second variable we are comparing is all the Tornadoes that happened from January - August 2024.

2) We also graph these lines vertically so that we can use correct X, Y intercepts. When used vertically we see the Months aligned together on the x-axis, while on the y- axis where able to see the numeric of events.

3) Based on the graph above, the most coming from Total Weather Events were 11,153 in May. When it comes to Tornadoes the most of those were May also with 644 Tornadoes.

Part 2

4) If I had to choose where to live based on the chart above, I would choose Maine, I would rather have to deal with rain than heat stroke and dryness. I would also like to be by water than dry land with hills and rocks. Not based on the chart but I am also thinking about the insects and creatures in both states.

5) I used a Dot Plot rather than a Pie Chart so that everything is leveled / spaced out, you can see the difference in each state, and it is easier to read.

6) I used grey for less important data that would not stick out the most. I used grey for Maine with it having less extreme weather events. I used Blue for Arizona due to it having more Extreme weather events, it also shows the significant difference from both states.

7) Putting the number of weather events in the description gives us information to think of when looking at this chart. We know more Extreme weather events happen on Arizona, especially when it comes to heat so Arizona will have more Data. When it comes to Maine there is less Extreme weather with a count of 424 so Arizona will have less data when it comes to heat, there will be cooler weather.

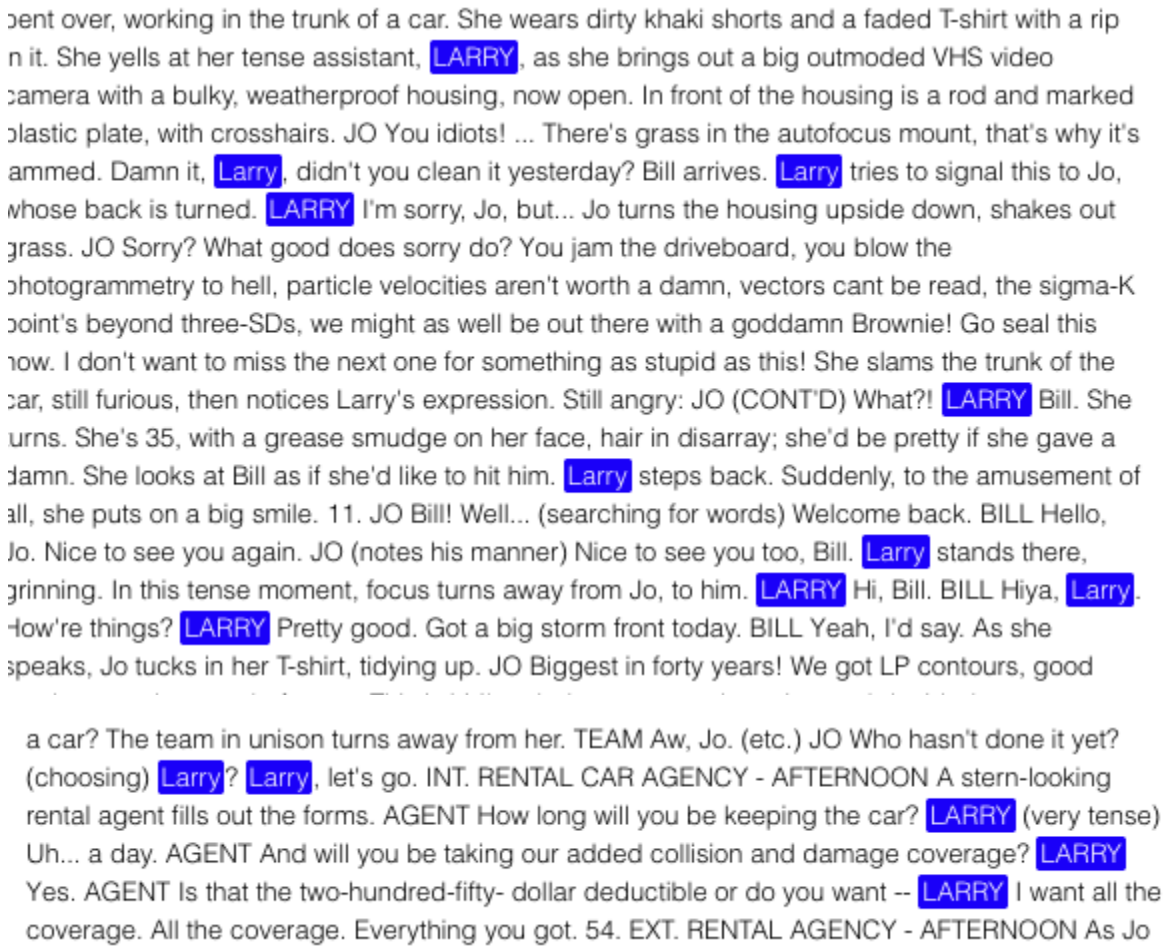
Extra: One extreme weather I did not know in the chart above was a Funnel Cloud. I thought a Tornadoes were simply that but if it does not touch the ground and it is just a rotating column of air it is simply a Funnel Cloud.

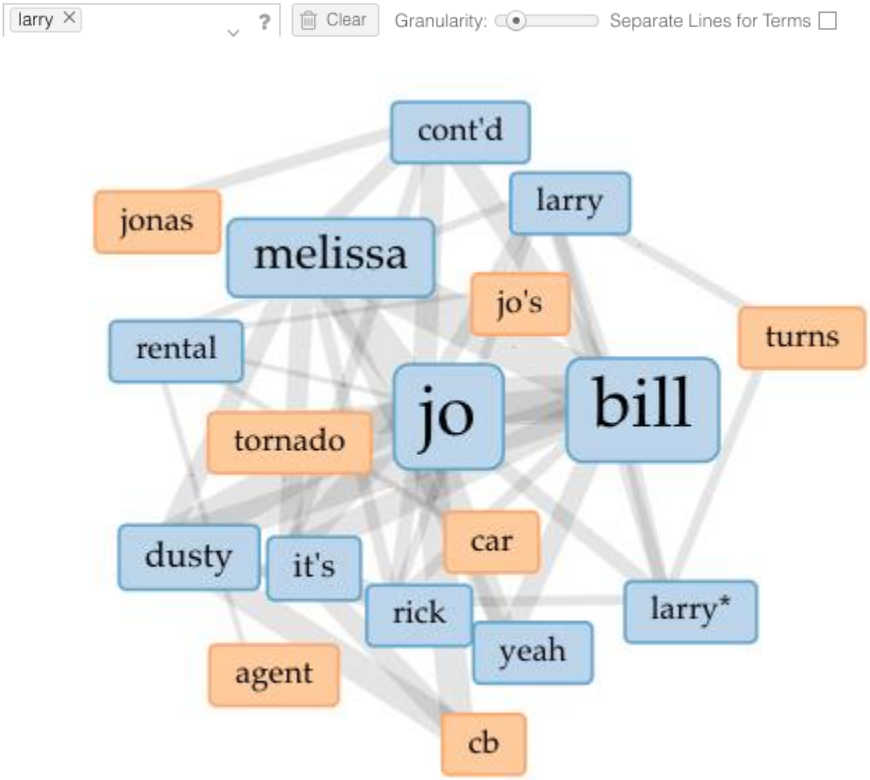
Part 3

8) With me using Open Refine and using the Text Facet/ Custer tool I found Wisconsin to have 19 Tornadoes. If I were to pick through each state, I would also find the same results.

9) One thing that would be wrong in my Data could be me using the random yellow. I went to the Enhance Fijita Scale educational website and based my colors on theirs but that could be an issue Data Science wise.

Voyant: Question 2. Who's Larry?





Coming from someone that never watched Twisters but now wants to, Larry was a side character that played as a set up crewmember. At first, I thought Larry was an assistant until I read the part of the Rental car scene and set up the cameras for the upcoming Tornado. Larry is acknowledged about 23 unconventional times in the script. Most in the biggening when they have been going through the truck and had complications with a VHS video camera and in the middle when the rental car was put in his name. He also seemed a bit timid at scenes like he feared outbursts from JO which seems to be the one to boss everyone around. The Second screenshot backs up his activity in the script