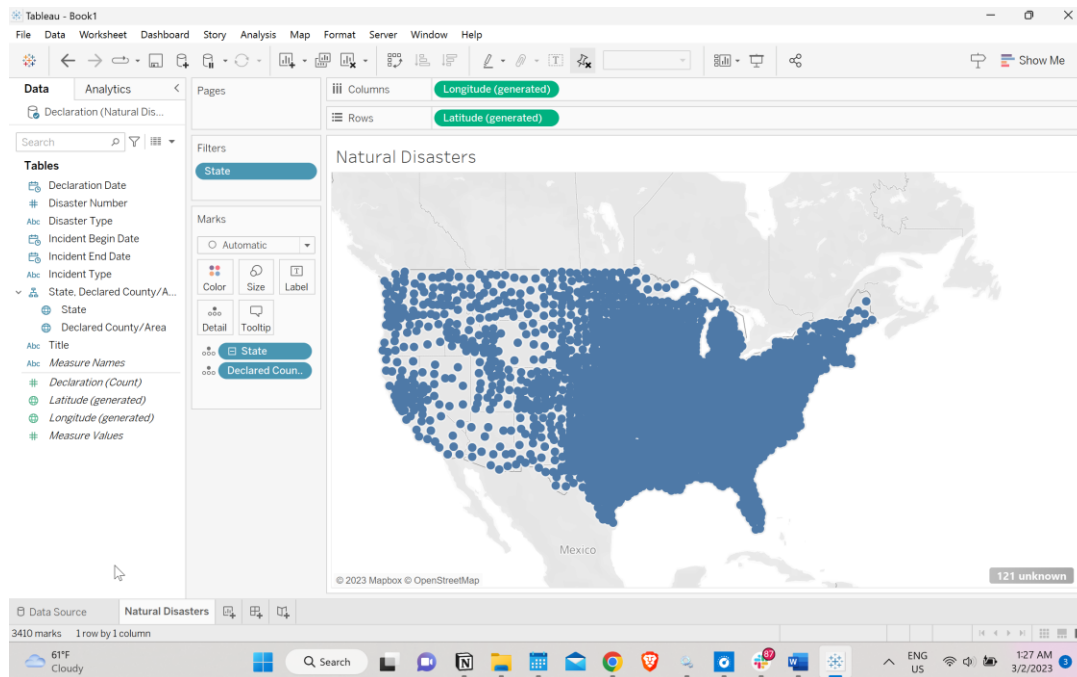
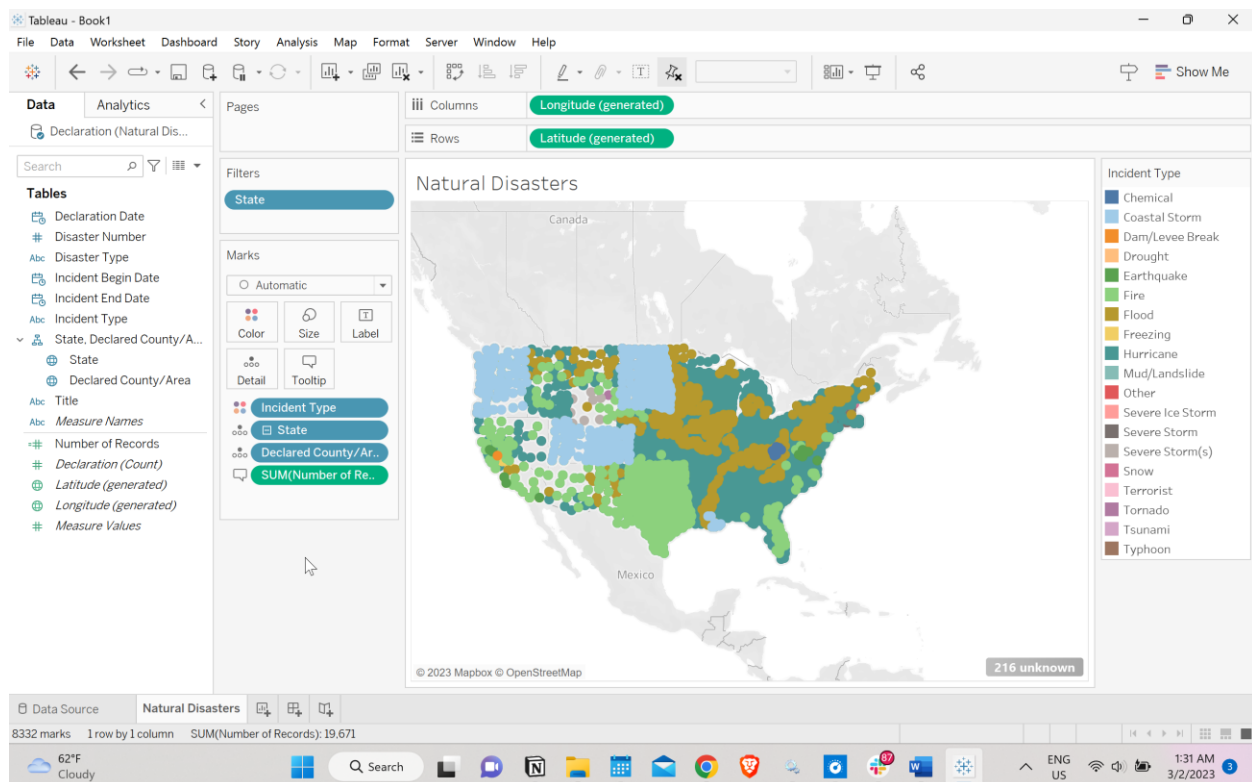


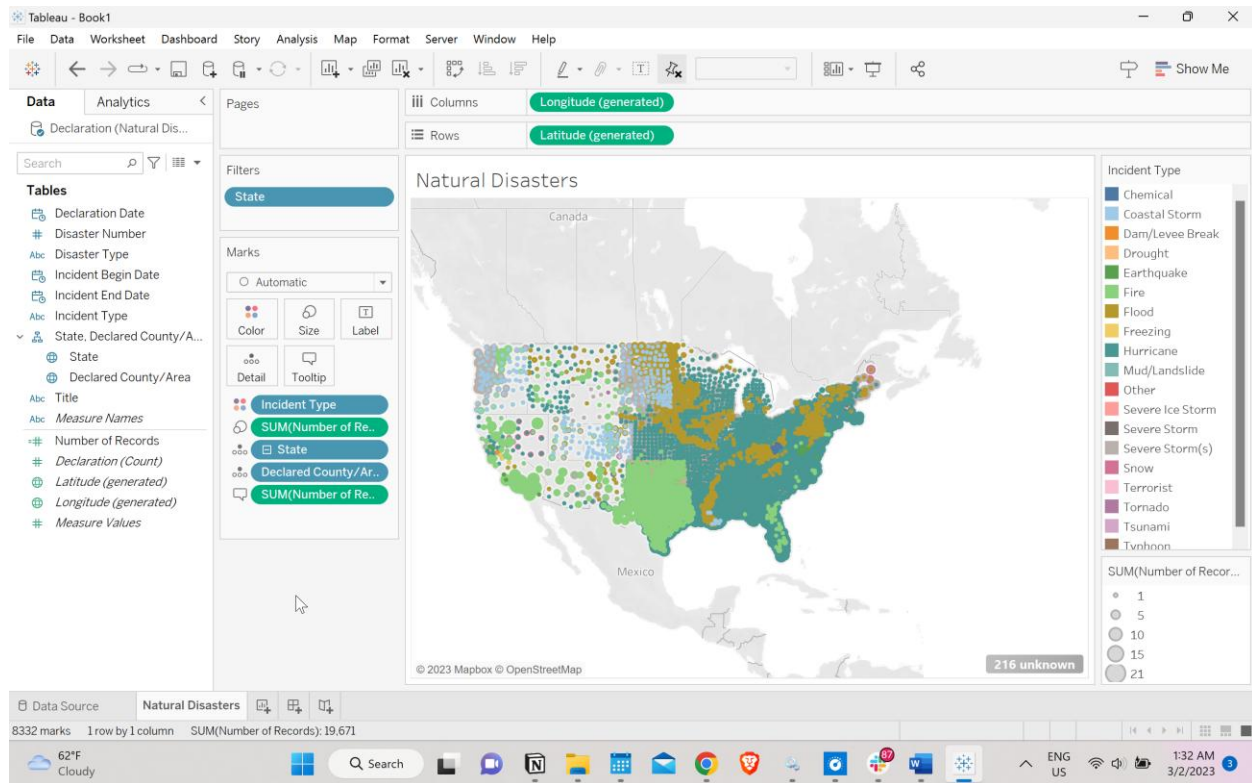
Answer A



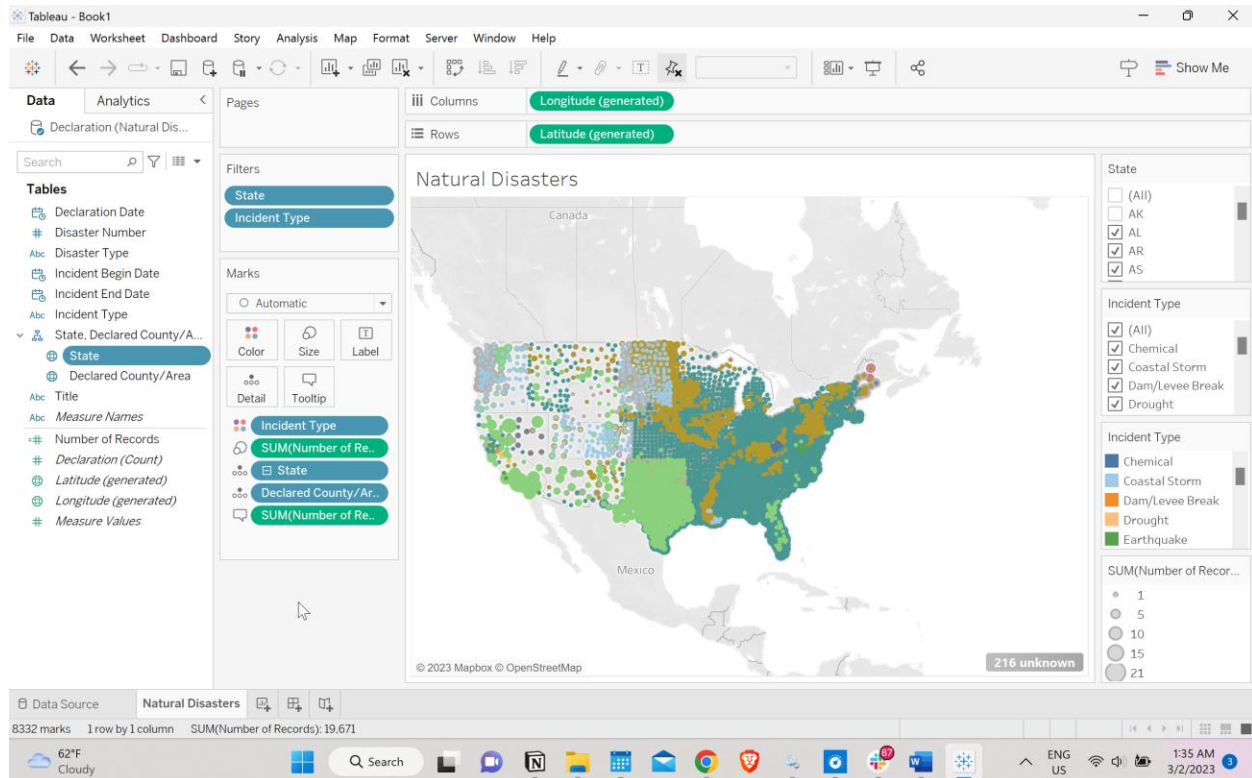
Answer B



Answer C



Answer D)



Answer E)

From the map, we can see that the most prevalent disaster in Texas is Fire and for Alabama, it's Hurricanes

Answer F)

We have unselected Alaska and Hawaii in the state filter, hence we cannot see them on the map

Answer G) we visually encoded different disasters **Using Color**.

Answer H)

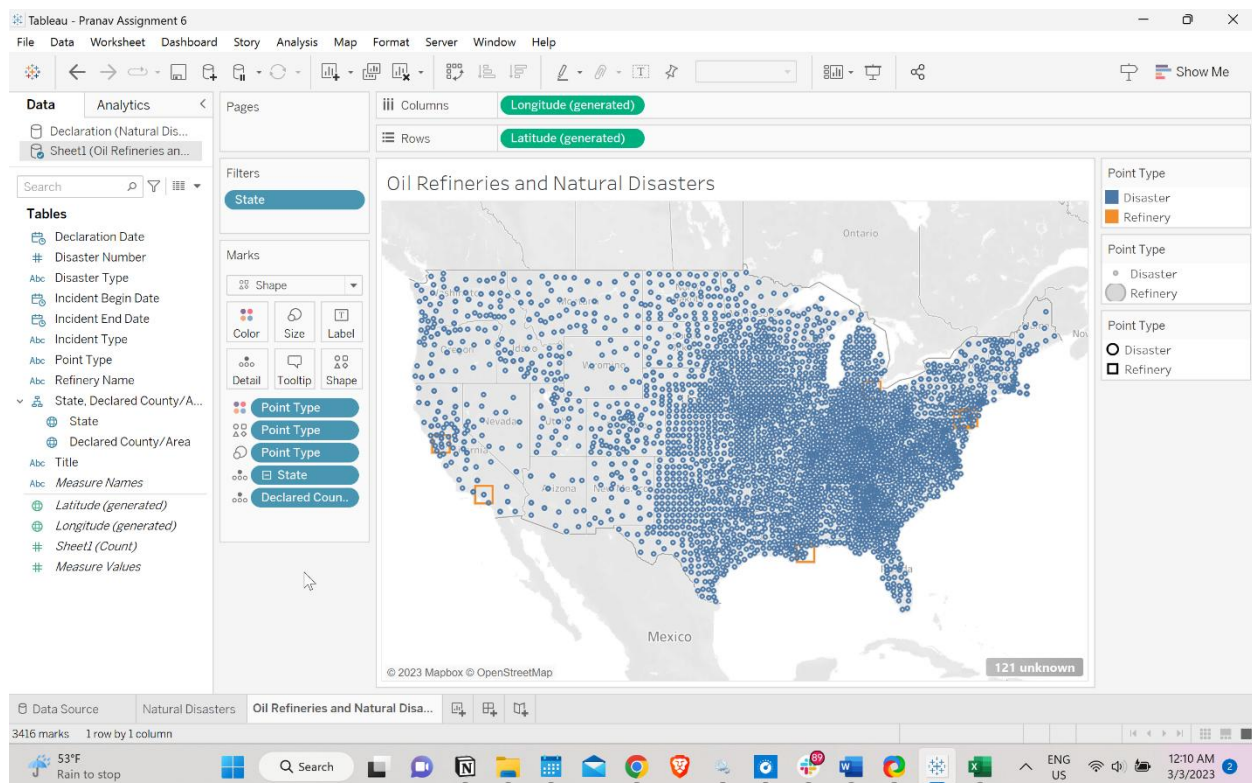
Using Size

Part 2:

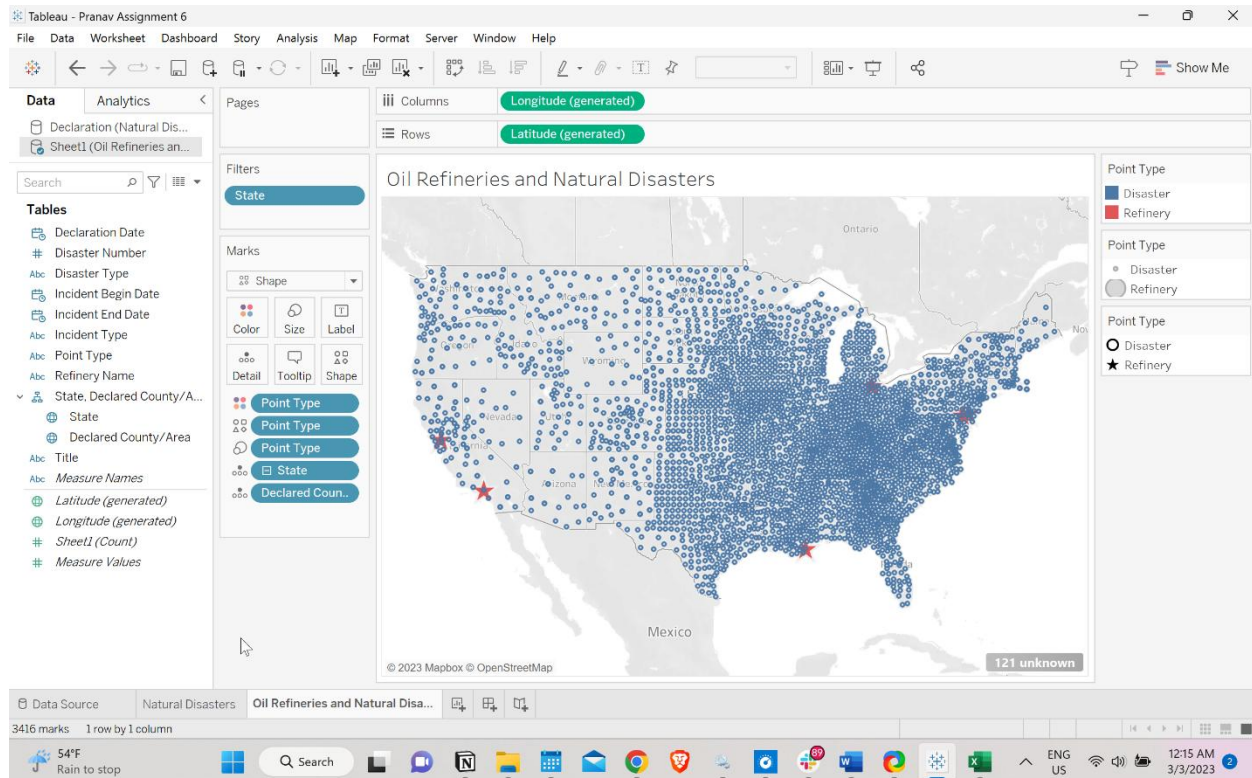
Answer I)

Refinery Name	State	Declared County/Area
PBF Energy Chalmette Refining LLC	LA	St. Bernard Parish
PBF Energy Toledo Refining Co LLC	OH	Lucas
PBF Energy Delaware City Refining Co LLC	DE	New Castle
PBF Energy Torrance Refining Co LLC	CA	Los Angeles
PBF Energy Martinez Refining Co LLC	CA	Contra Costa County
PBF Energy Paulsboro Refining Co LLC	NJ	Gloucester

Answer J)



Answer K)

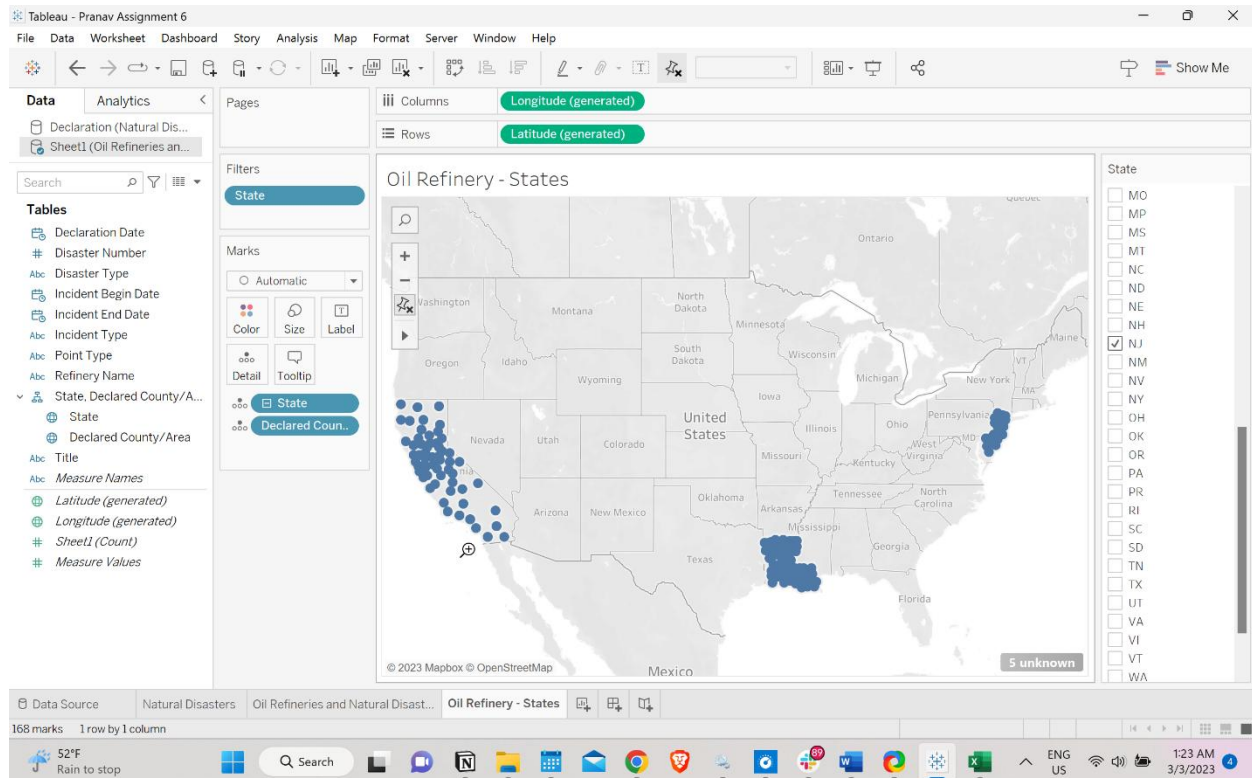


Answer L)

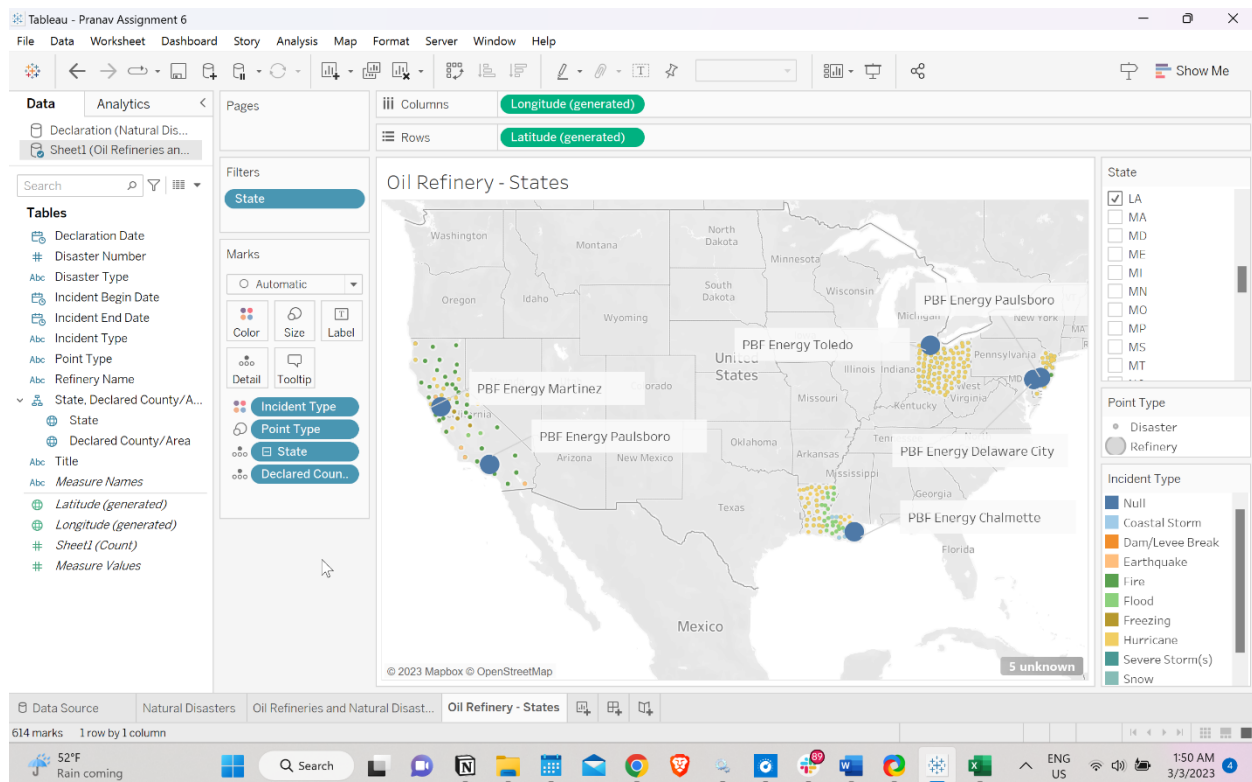
The company has refineries in California, Louisiana, Delaware, Ohio, New Jersey.

Part 3

Answer M)



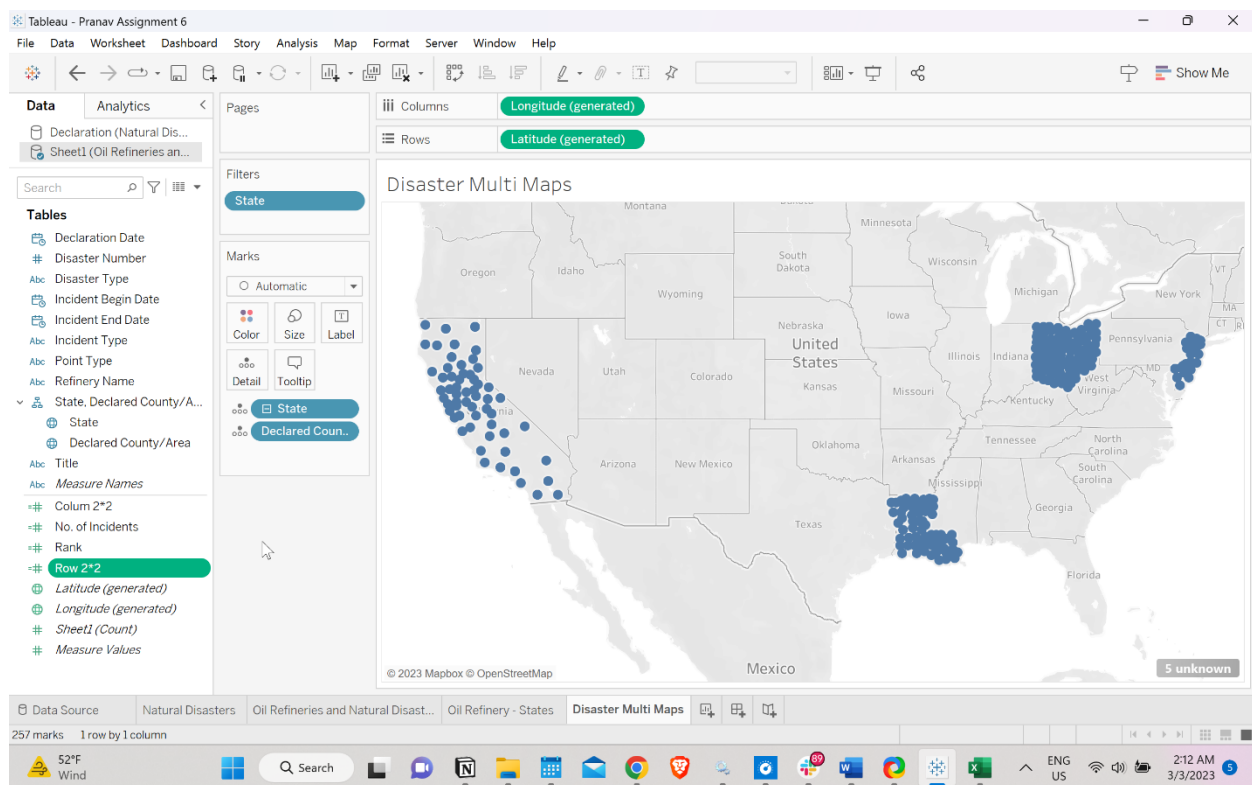
Question N)



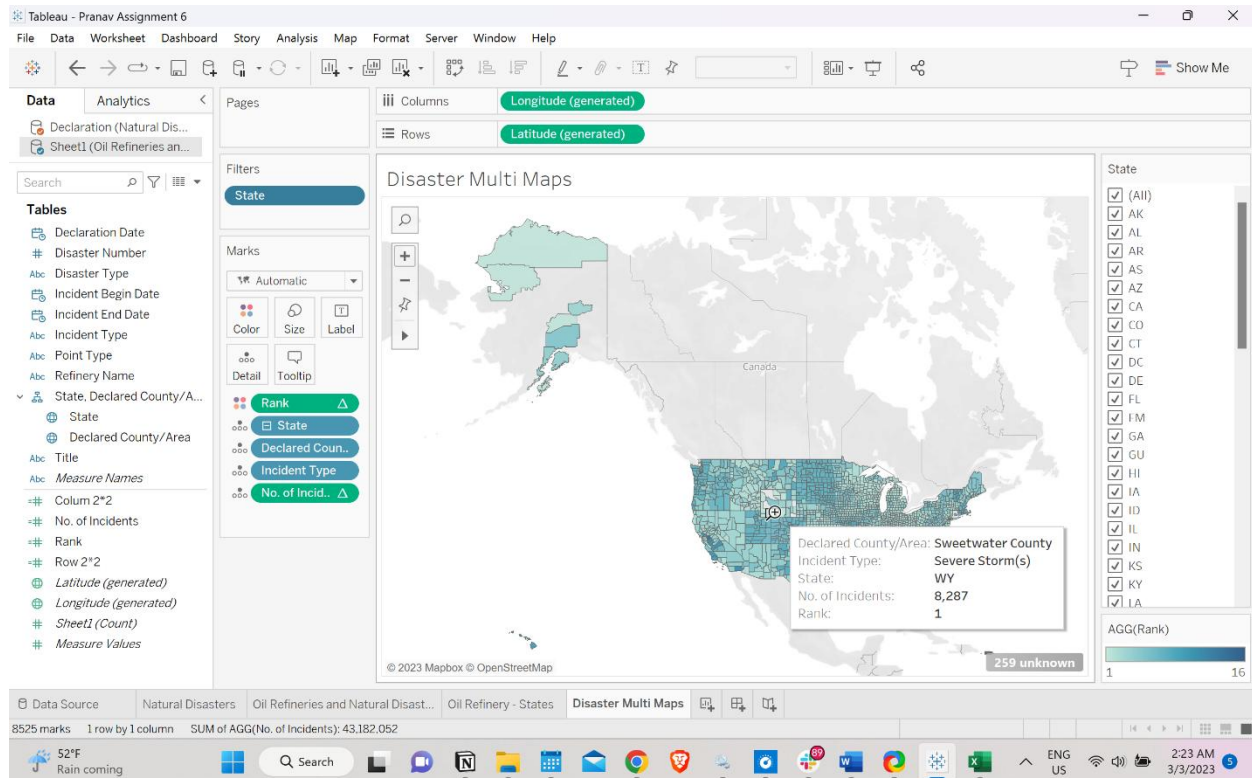
Answer O)

- New Jersey – Fire, Hurricane.
- Ohio – Hurricane.
- Louisiana- Flood, Coastal Storm, Hurricane
- California – Fire, Hurricane, Flood, Freezing, Earthquake.

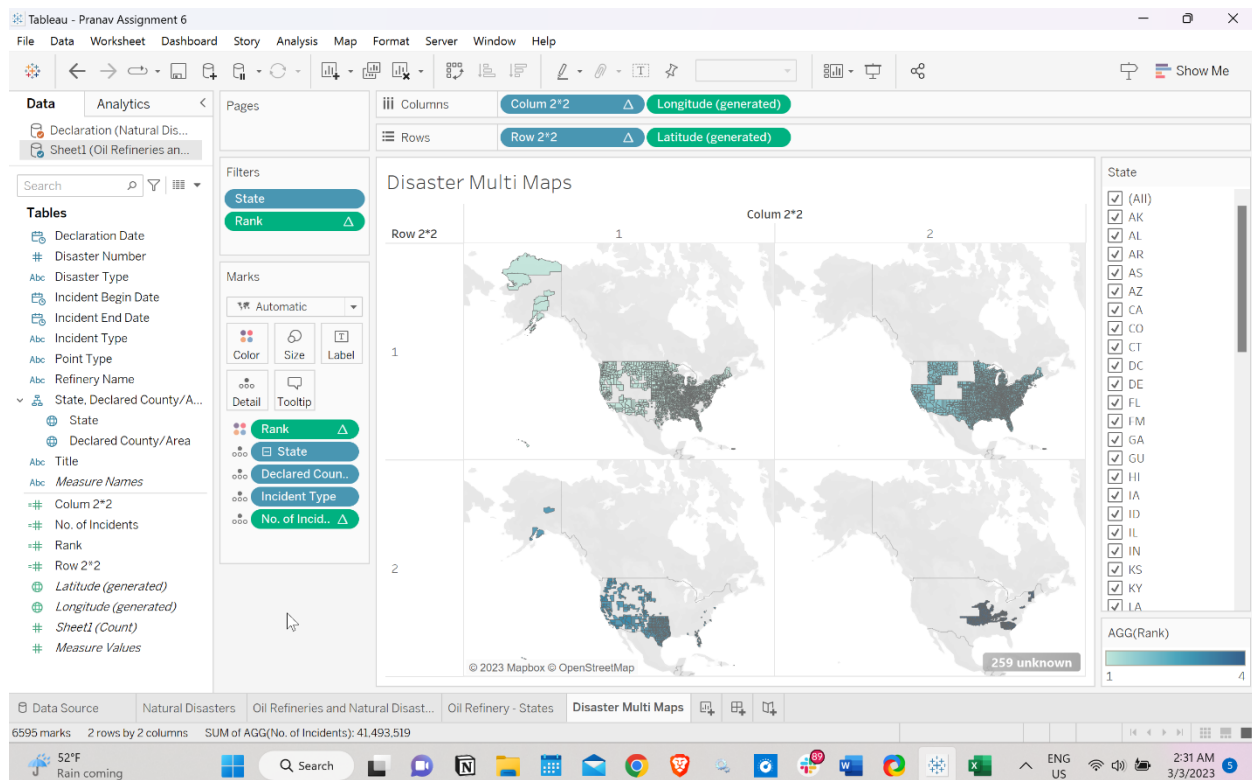
Answer P)



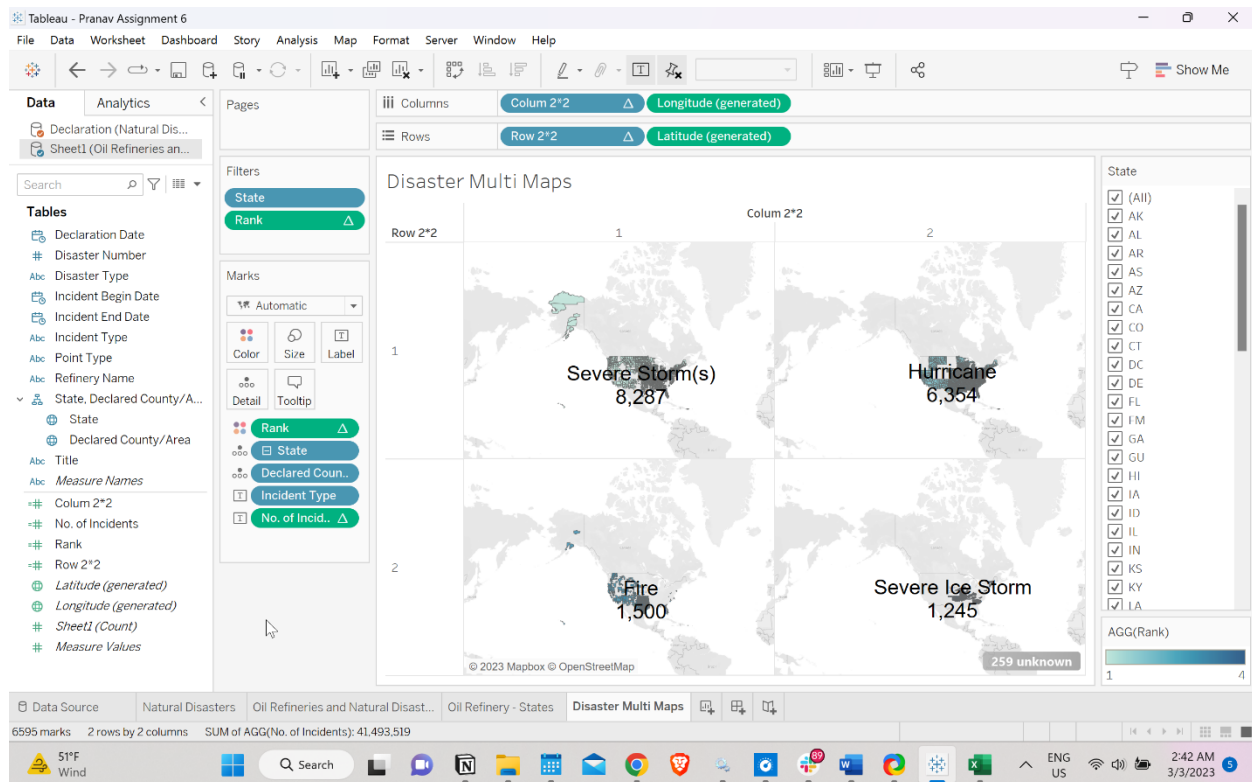
Answer Q) Disaster Ranked 1 is Severe Storm



Answer R)



Answer S)

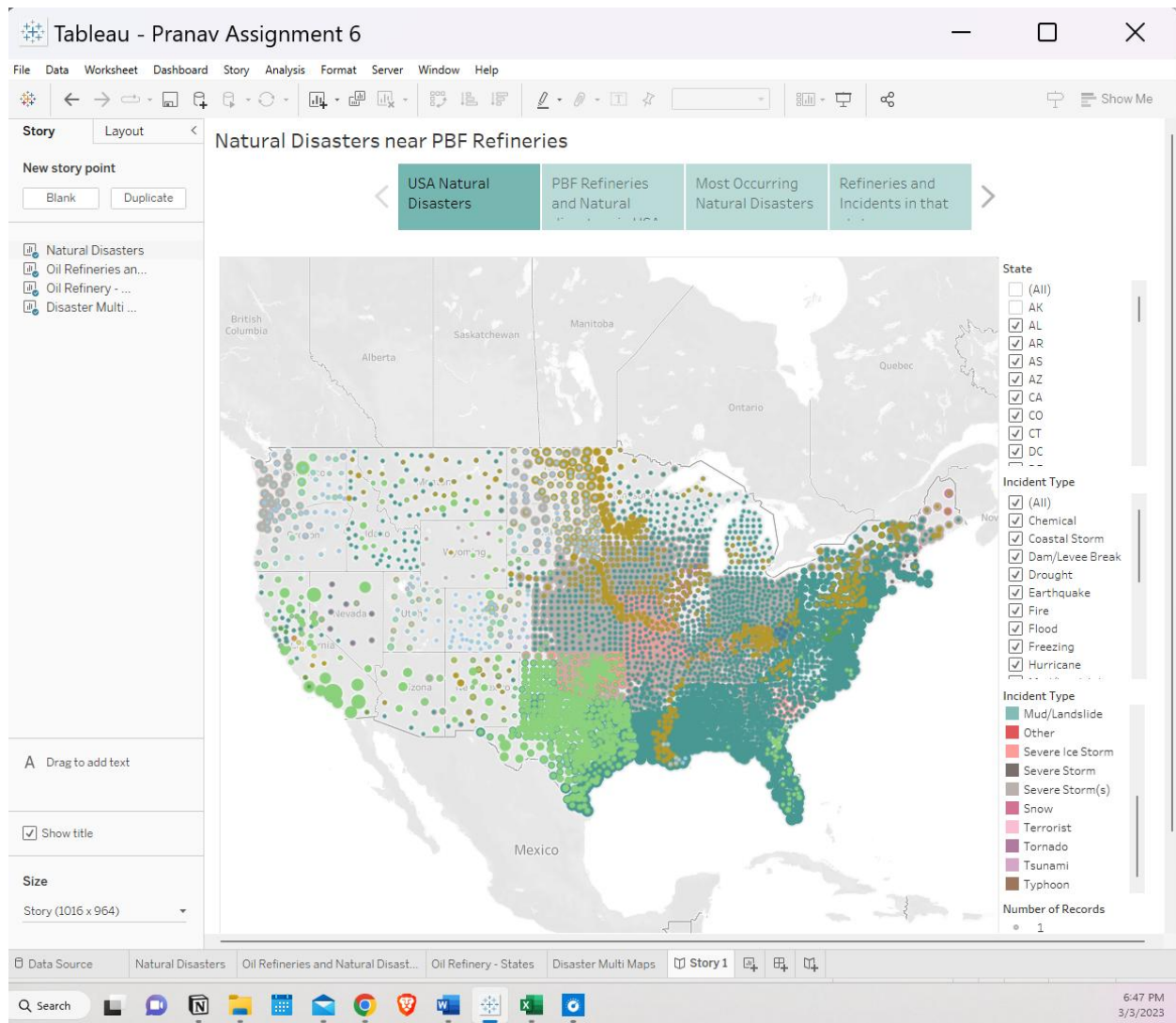


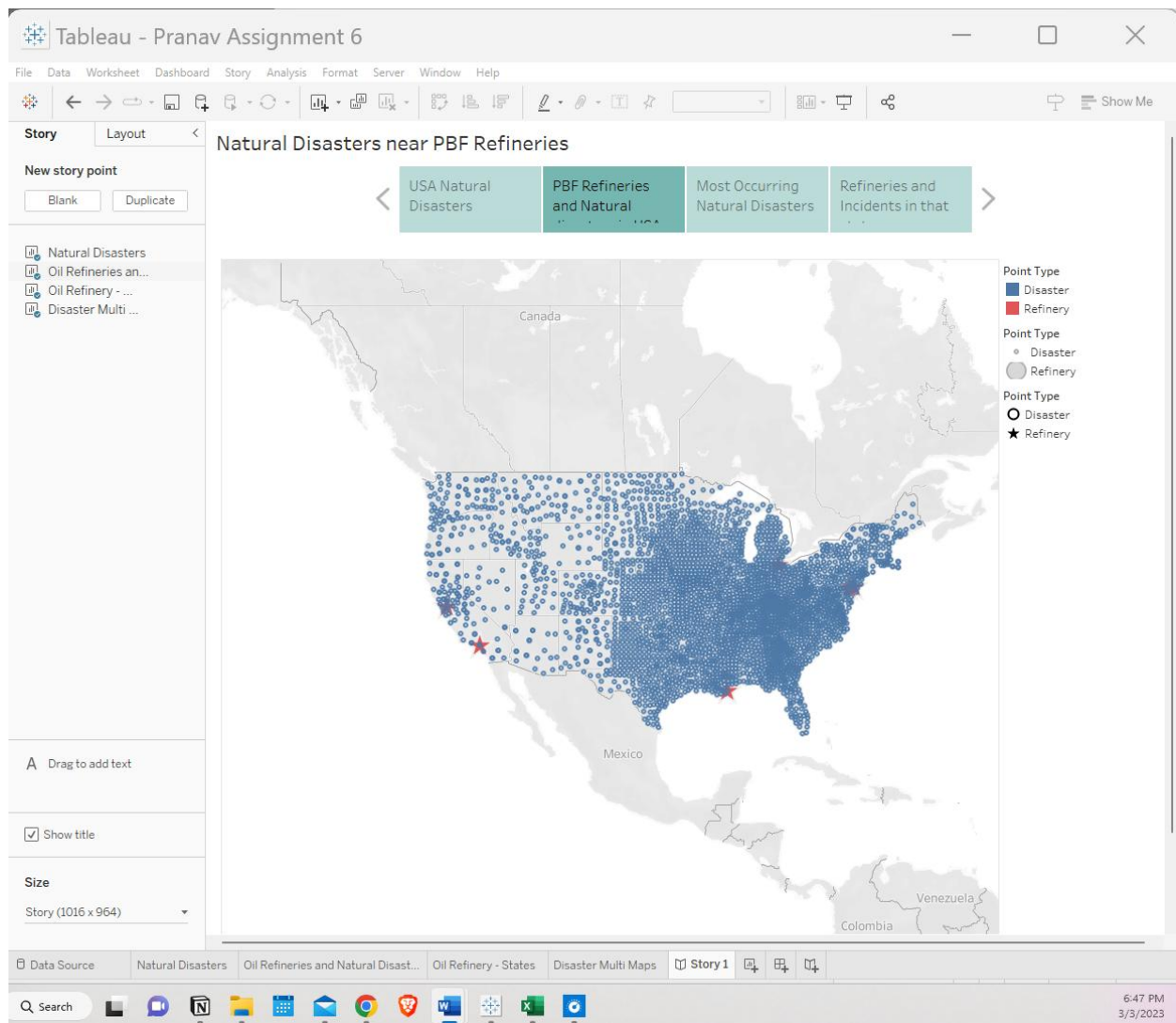
Answer T)

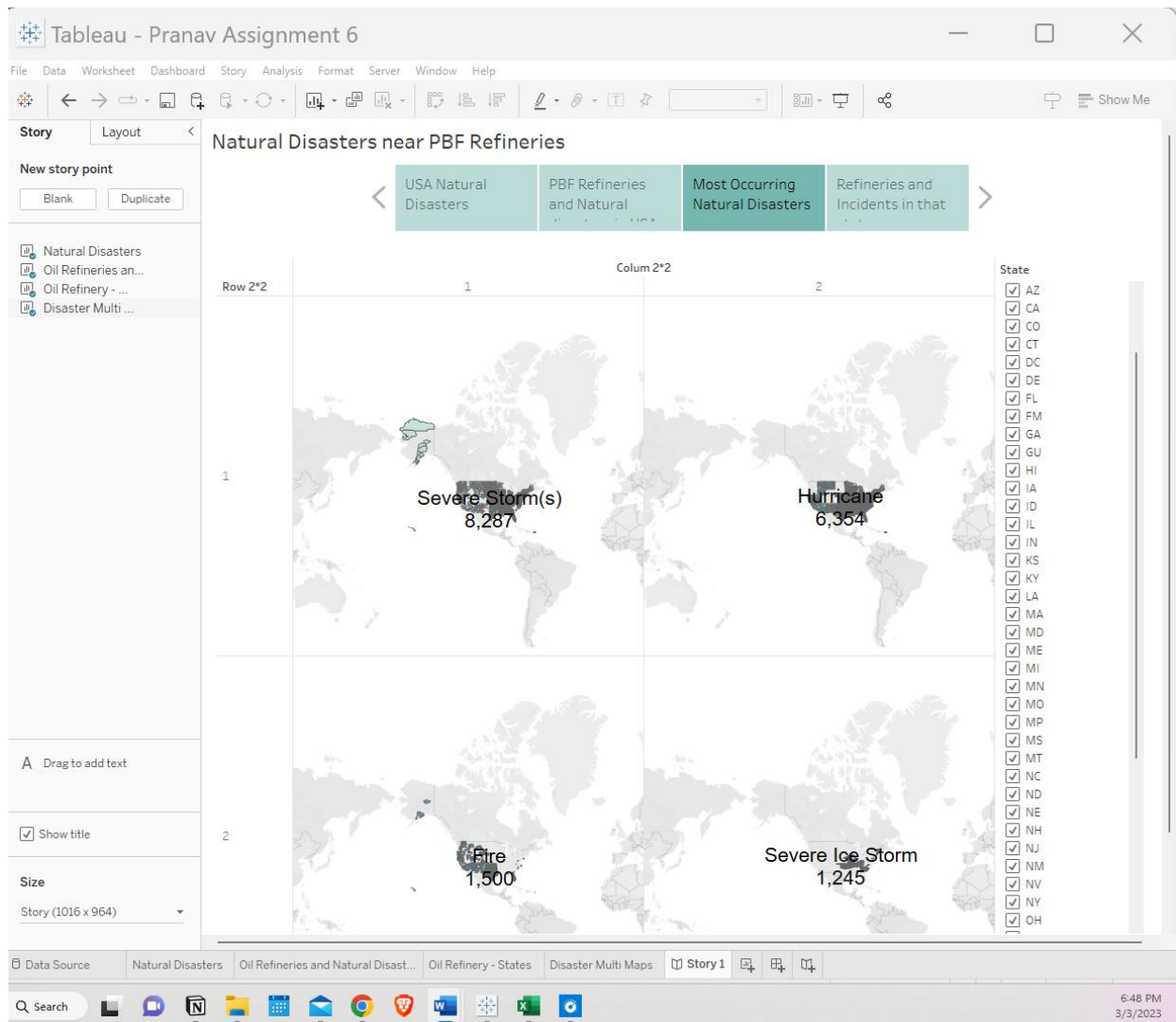
Dimensions typically contain qualitative values (such as names, dates, or geographical data). And measures typically contain things you can measure, like numeric and quantitative values.

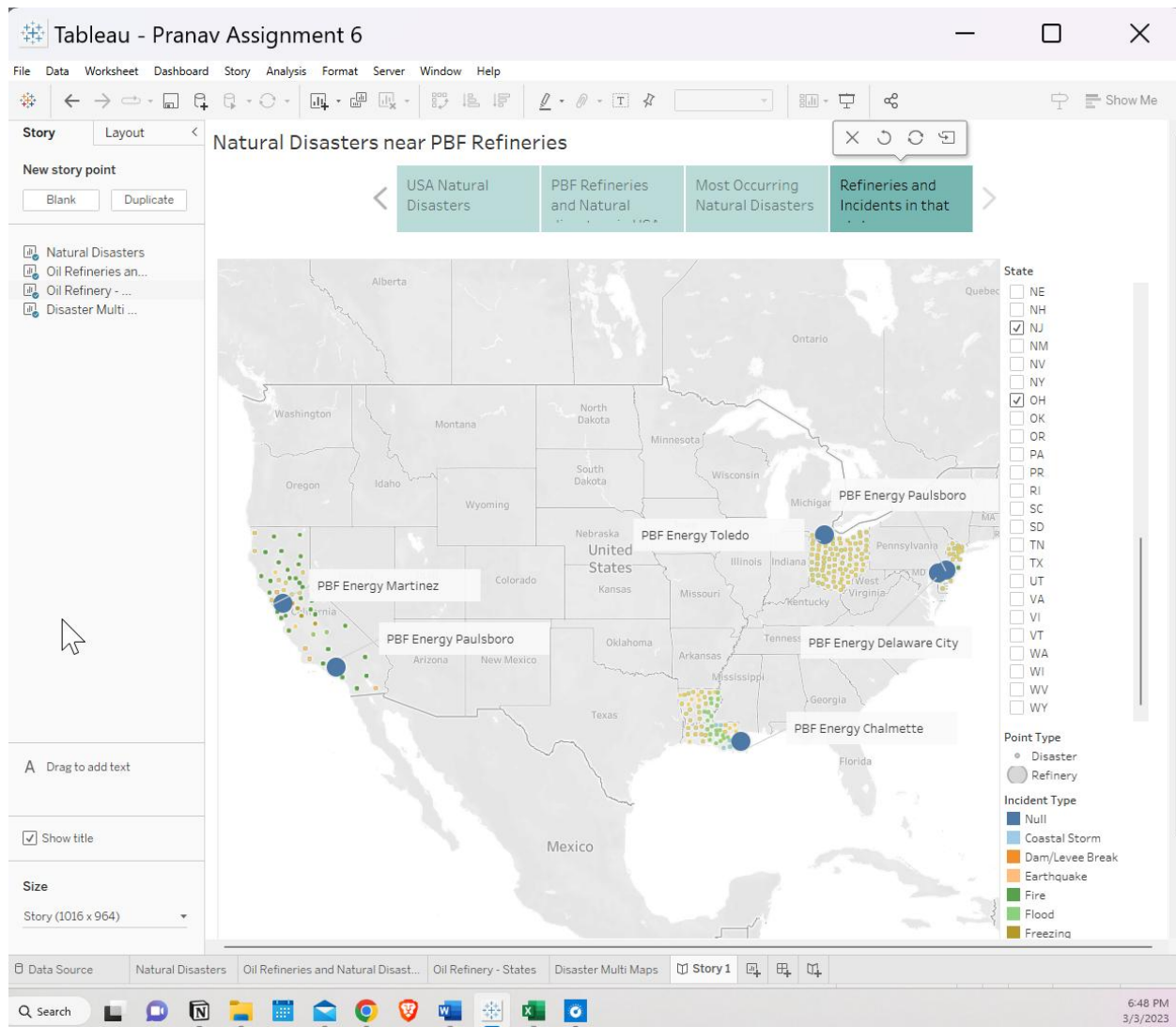
Here we have created calculated fields such as Rank, number of incidents, column, and row, which have quantitative values hence they went to measures.

Question U)









Answer V)

Rhetoric Used- Logical

Here we have used logical rhetoric. We can visualize the disasters in different states and the location of our refineries. We can see the most common disasters that impact the energy industry and the most occurring disasters in the areas where we have refineries.

This will help us prepare our labor force and Machinery to protect our refinery and employees so that everyone is safe and operations run smoothly.