Exercise - Multi Maps Tableau

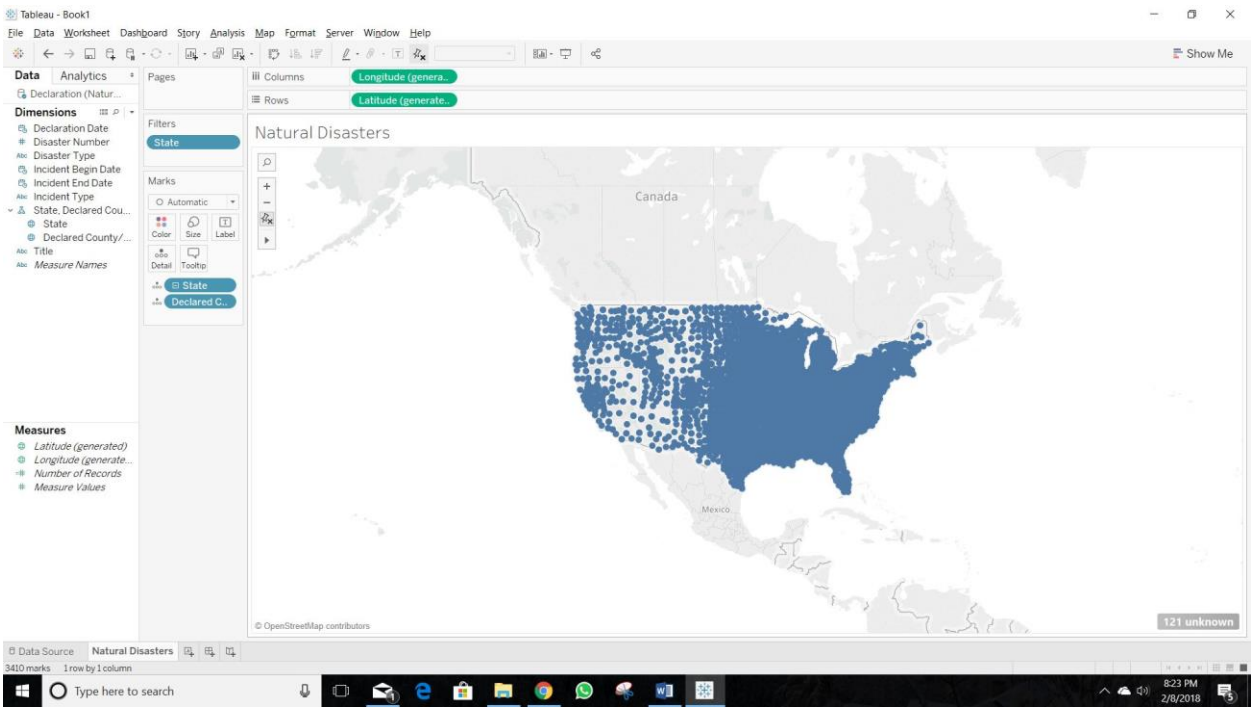
Student Name: Ravi Dawar

Date:02/09/2018

Question:

A) Provide the screenshot of your map:

Answer



Question:

B) Place the screen shot of your map displaying 'Number of Records' as tooltip along with other tooltip fields:

Answer

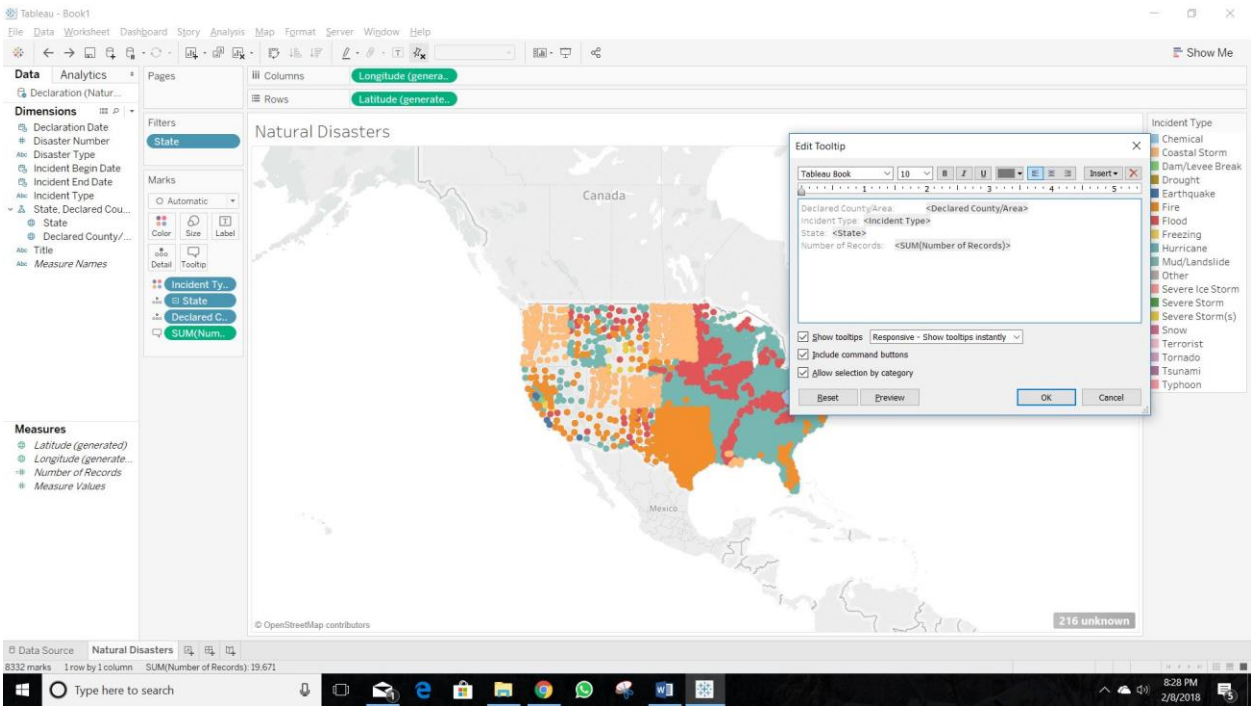


Tableau - Book1
Natural Disasters
Edit Tooltip
Canada
Mexico
216 unknown

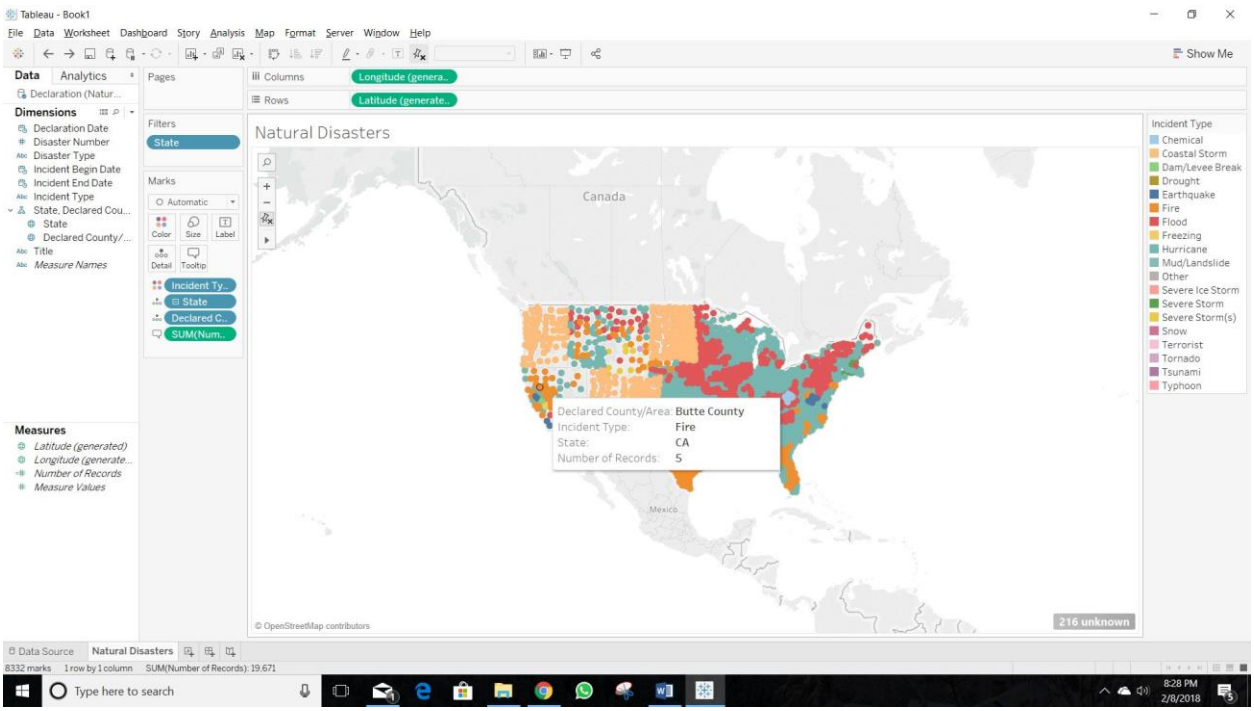
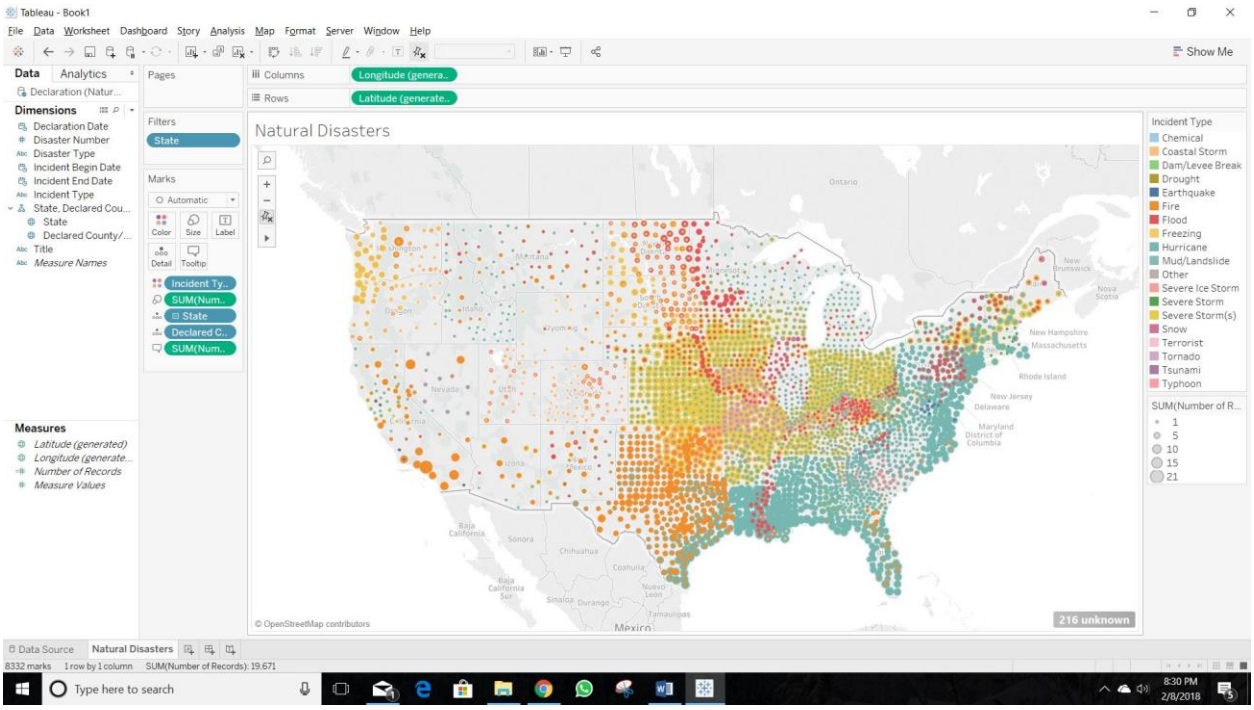


Tableau - Book1
Natural Disasters
Declared County/Area: Butte County
Incident Type: Fire
State: CA
Number of Records: 5
Canada
Mexico
216 unknown

Question:

C) **Place the screen shot of your workbook**

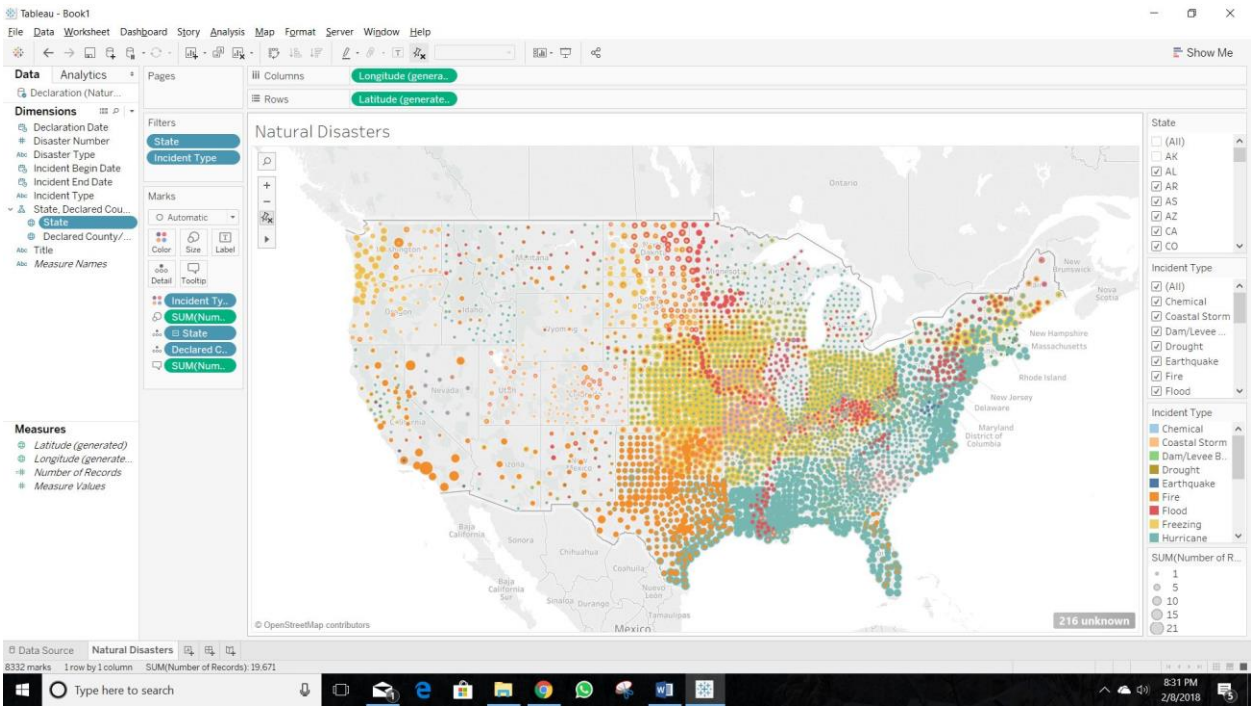
Answer



Question:

D) **Place the screen shot of your workbook displaying 'Incident Type' and 'State' as a quick filter**

Answer



E) As per your map which is the most prevalent disaster in Texas and Alabama?

Answer: Most prevalent disasters in Texas and Alabama is Hurricane.

F) Why can't you see Alaska and Hawaii on the map?

Answer: We have filtered few states in the start, among which are Alaska and Hawaii and because of this we are not able to see those on map.

G) How have we visually encoded different disasters, select your answer from below given choices?

a. Using Label

b. Using Size

c. Using Color

Answer: Using Color

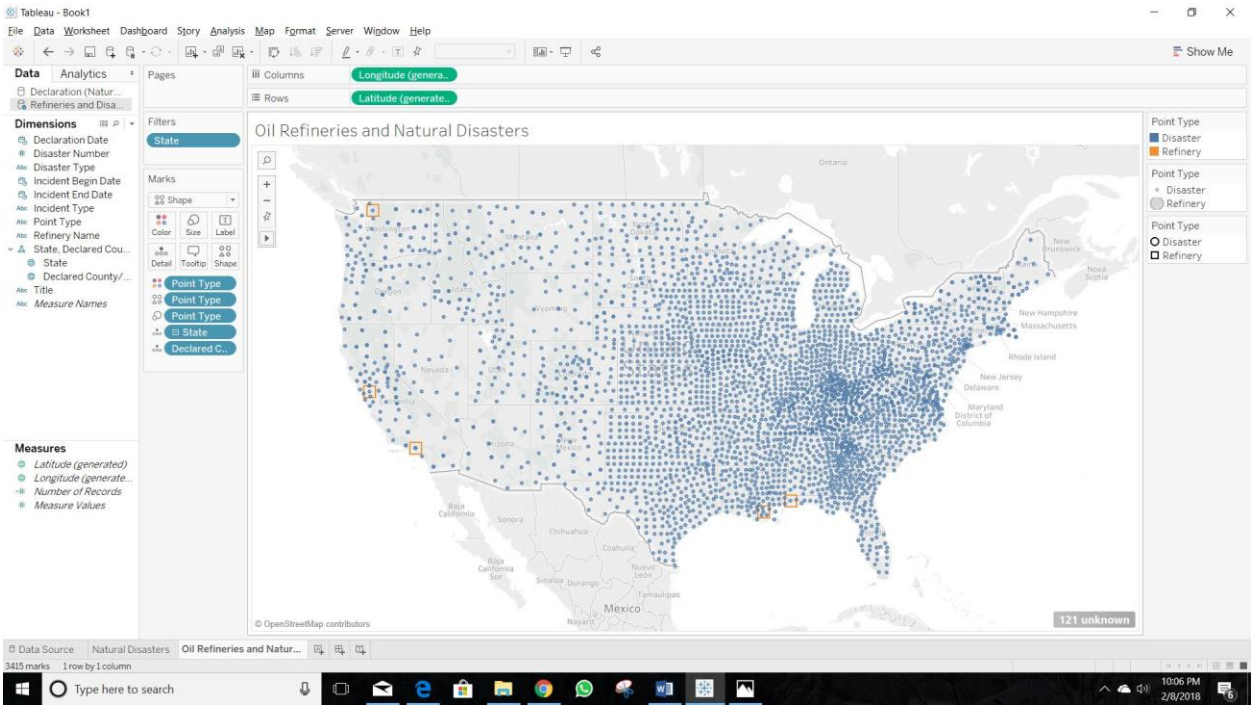
H) How have we visually encoded number of disaster incidents in a county?

Answer: Using Size

Question:

I) Place the screen shot of your workbook displaying ‘Refineries’ and ‘Disasters’ on map

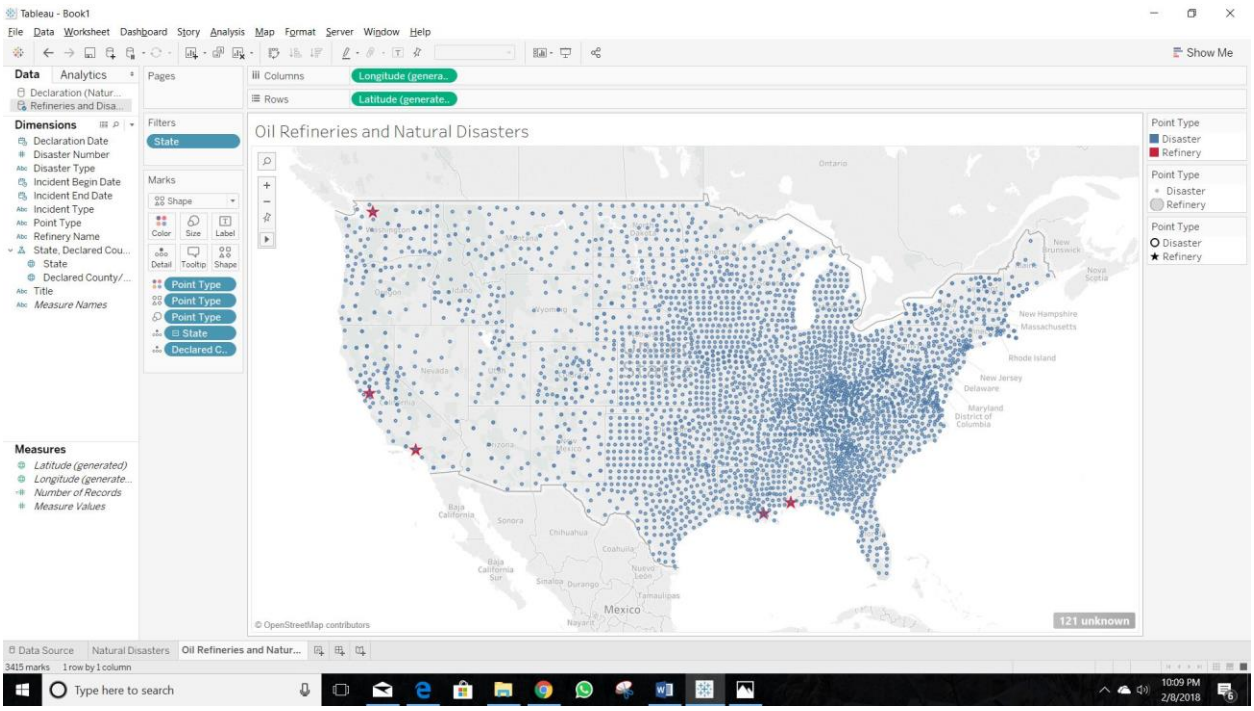
Answer



Question:

J) Place the screen shot of your workbook displaying disasters and refineries in new color and shape

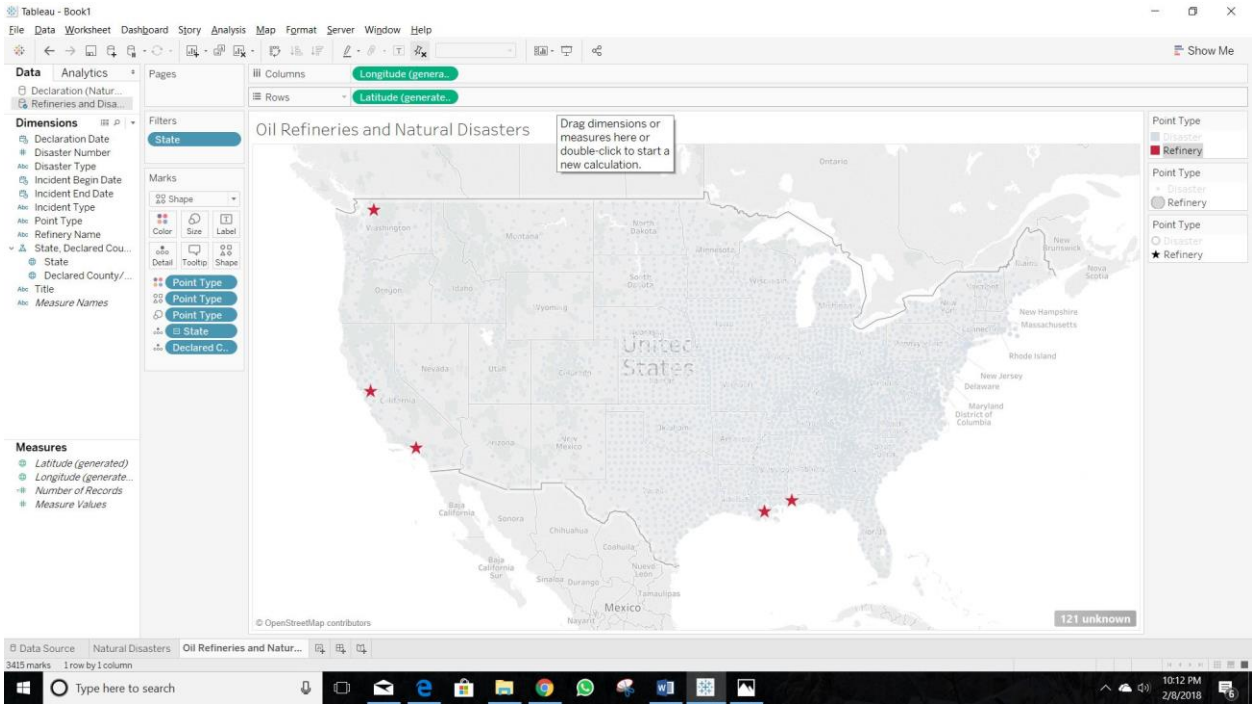
Answer:



Question:

K) Name all the states in which your selected Energy Company has refineries?

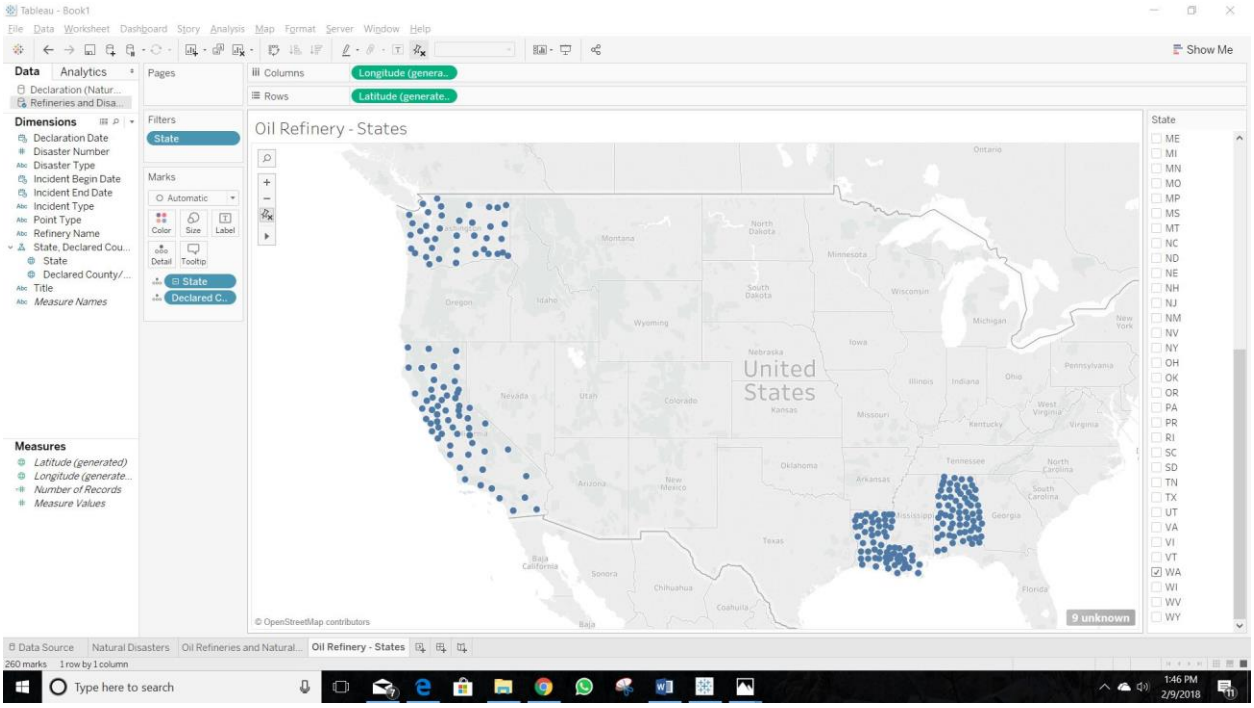
Answer Alabama, Louisiana, Washington, California



Question:

L) Place the screen shot of your map

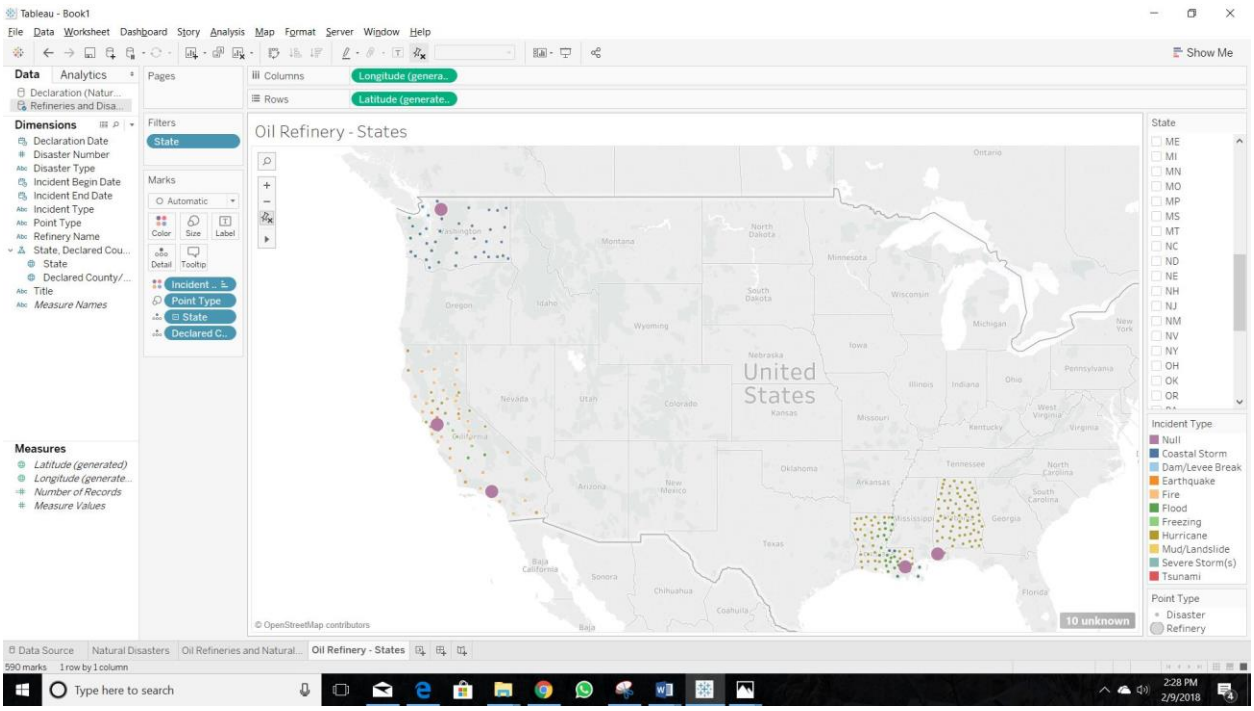
Answer



Question:

M) Place the screen shot of your workbook displaying disasters (with different colors) and oil refineries

Answer



Question:

N) For at least 2 states list all disasters that are impacting that state

Answer:

1. Washington

Disasters: Coastal Storm, Fire, Flood, Mud/Landslide, Severe Storm(s)

2. California

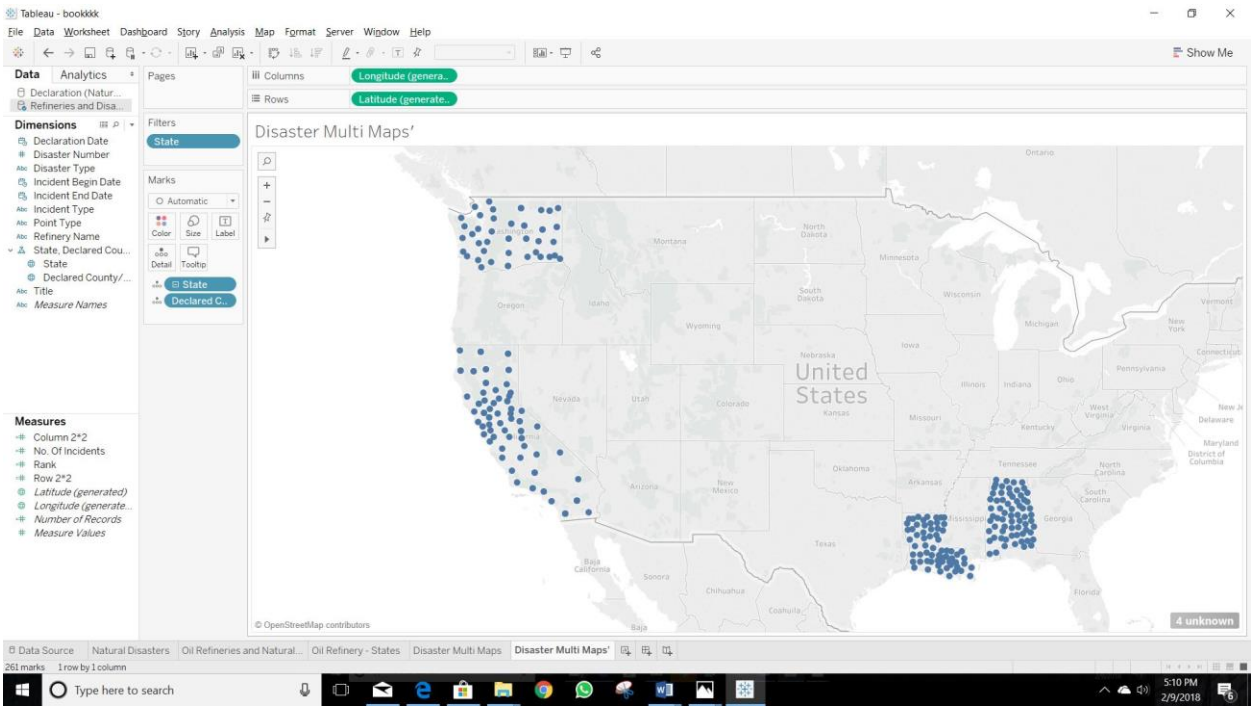
Disasters: Dam/ Levee Break, Earth Quake, Flood, Fire, Freezing, Hurricane, Severe Storm(s) ,Tsunami

3. Louisiana:

Coastal Storm, Flood, Hurricane, Severe Storm(s).

Question:

O) After creating all the four calculated fields paste the screen shot of you 'Measures' pane:

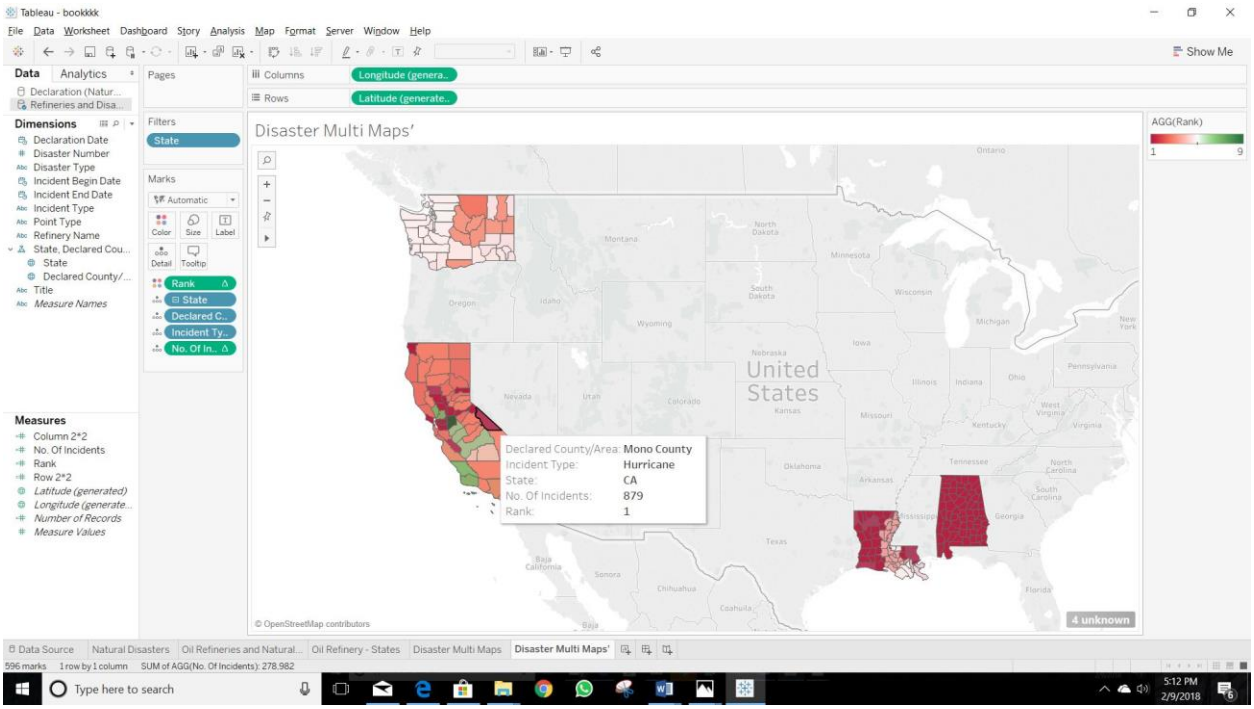


Question:

P) Which disaster is ranked 1st (hint: hover over the map and check tool tip)?

Paste the screenshot with tool tip details

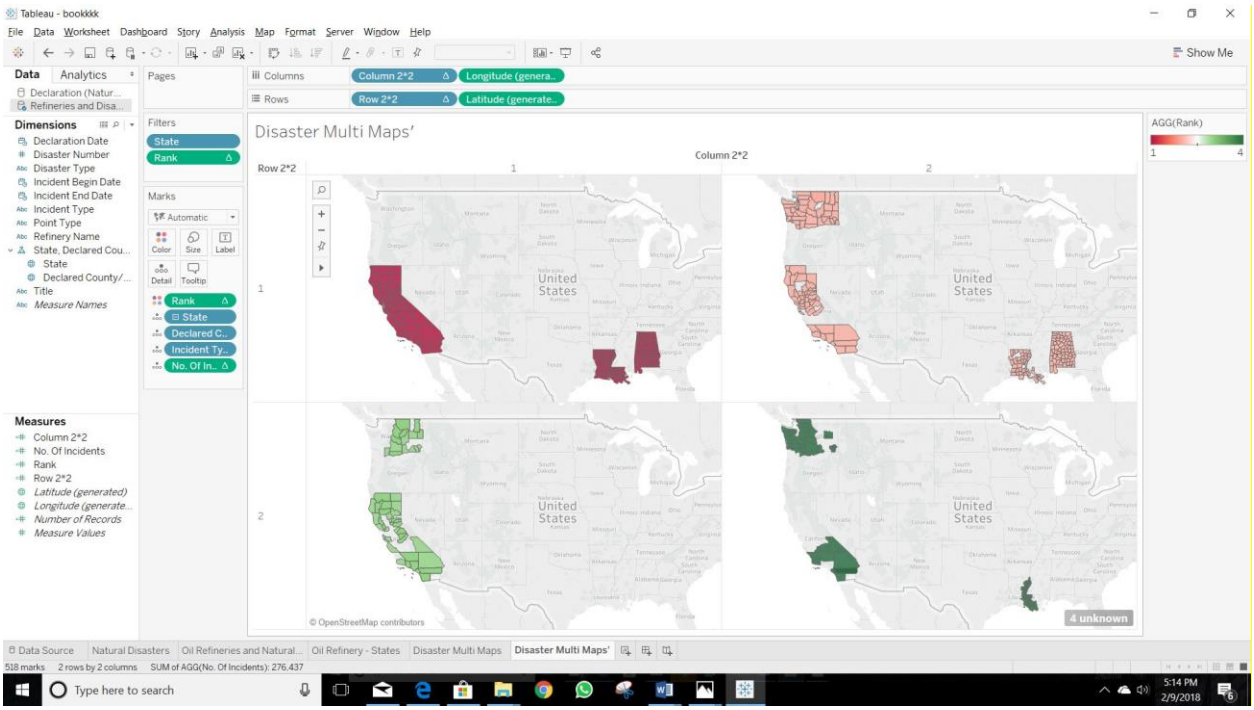
Answer:



Question:

Q) Paste the screen shot of your multi-map?

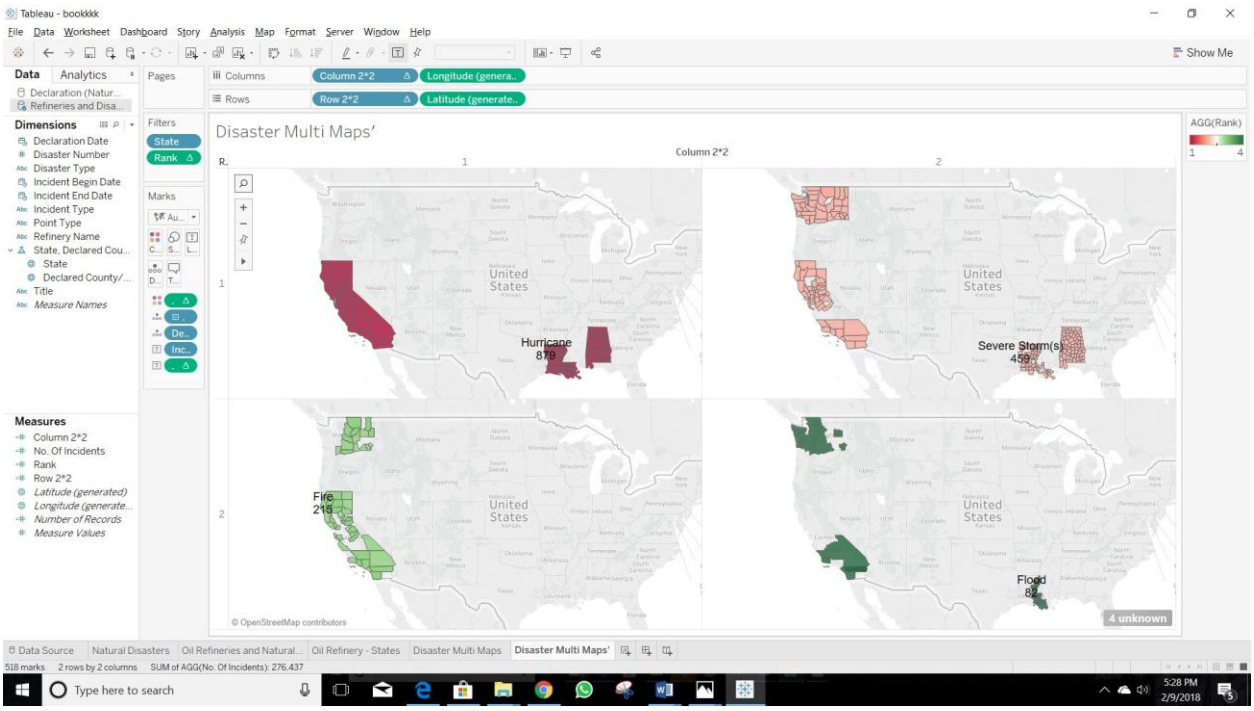
Answer



Question:

R) Paste the screen shot of your multi-map showing labels?

Answer:



Understanding questions related to Part-4

S) Why all the calculated fields got added to Measure pane and not to dimension pane?

Answer: Calculated Fields is added to Measure pane because Rank, Number of incidents, are having Numerical Values Where as in Dimension pane Categorical data are represented. Therefore, Calculated values is not added in Dimension pane.

T) Paste the screen shot of your story in Tableau

Answer:

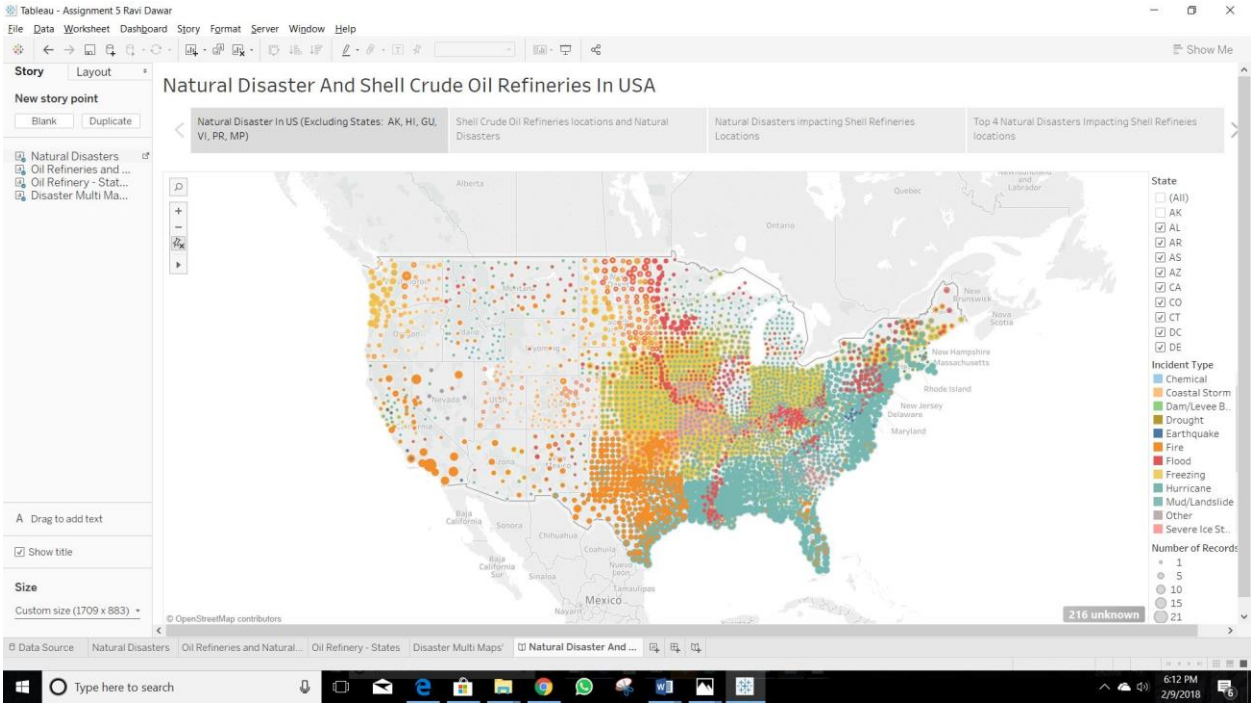


Tableau - Assignment 5 Ravi Dawar
File Data Worksheet Dashboard Story Format Server Window Help
Show Me
Story Layout
New story point
Blank Duplicate
Natural Disasters
Oil Refineries and ...
Oil Refinery - Stat...
Disaster Multi Ma...
Natural Disaster And Shell Crude Oil Refineries In USA
Natural Disaster In US (Excluding States: AK, HI, GU, VI, PR, MP)
Shell Crude Oil Refineries locations and Natural Disasters
Natural Disasters impacting Shell Refineries Locations
Top 4 Natural Disasters Impacting Shell Refineies locations
State
(All)
AK
AL
AR
AS
AZ
CA
CO
CT
DC
DE
Incident Type
Chemical
Coastal Storm
Dam/Levee B..
Drought
Earthquake
Fire
Flood
Freezing
Hurricane
Mud/Landslide
Other
Severe Ice St..
Number of Records
1
5
10
15
21
Drag to add text
Show title
Size
Custom size (1709 x 883)
© OpenStreetMap contributors
216 unknown
Data Source
Natural Disasters
Oil Refineries and Natural...
Oil Refinery - States
Disaster Multi Maps'
Natural Disaster And ...
Type here to search
6:12 PM
2/9/2018

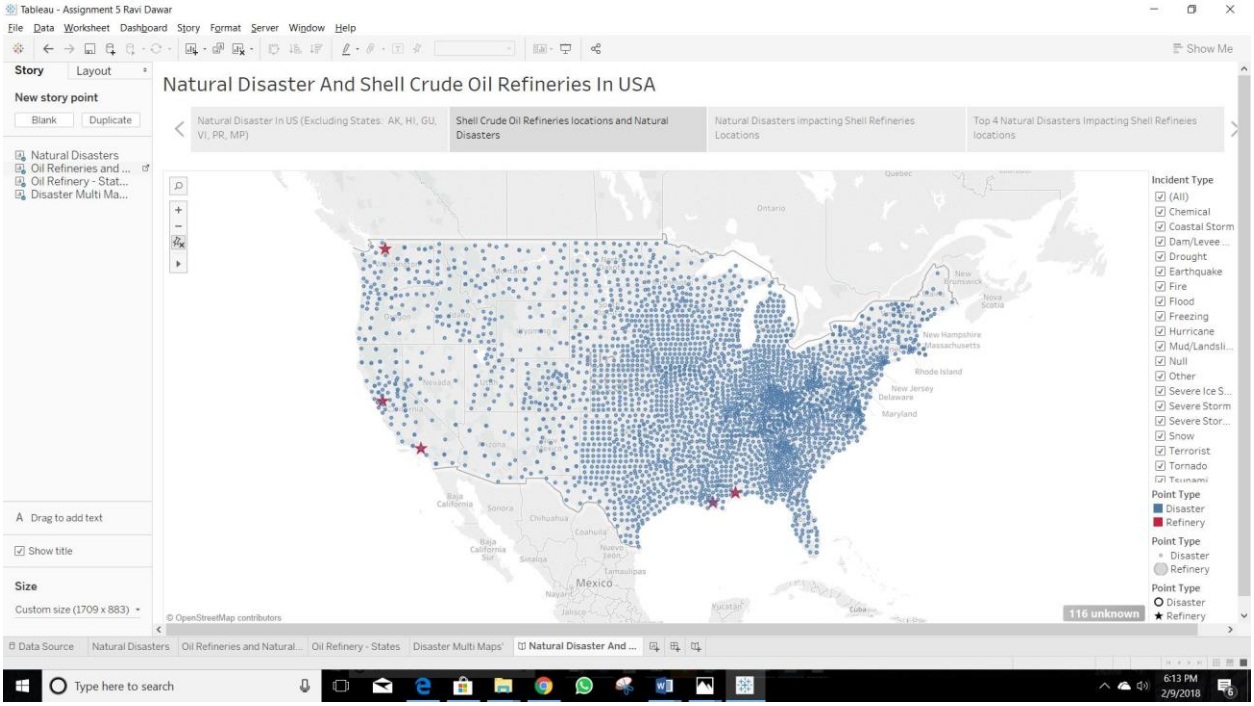


Tableau - Assignment 5 Ravi Dawar
File Data Worksheet Dashboard Story Format Server Window Help
Show Me
Story Layout
New story point
Blank Duplicate
Natural Disasters
Oil Refineries and ...
Oil Refinery - Stat...
Disaster Multi Ma...
Natural Disaster And Shell Crude Oil Refineries In USA
Natural Disaster In US (Excluding States: AK, HI, GU, VI, PR, MP)
Shell Crude Oil Refineries locations and Natural Disasters
Natural Disasters impacting Shell Refineries Locations
Top 4 Natural Disasters Impacting Shell Refineies locations
Incident Type
(All)
Chemical
Coastal Storm
Dam/Levee ...
Drought
Earthquake
Fire
Flood
Freezing
Hurricane
Mud/Landsli...
Null
Other
Severe Ice S...
Severe Storm
Severe Stor...
Snow
Terrorist
Tornado
Point Type
Disaster
Refinery
Point Type
Disaster
Refinery
Point Type
Disaster
Refinery
Drag to add text
Show title
Size
Custom size (1709 x 883)
© OpenStreetMap contributors
116 unknown
Data Source
Natural Disasters
Oil Refineries and Natural...
Oil Refinery - States
Disaster Multi Maps'
Natural Disaster And ...
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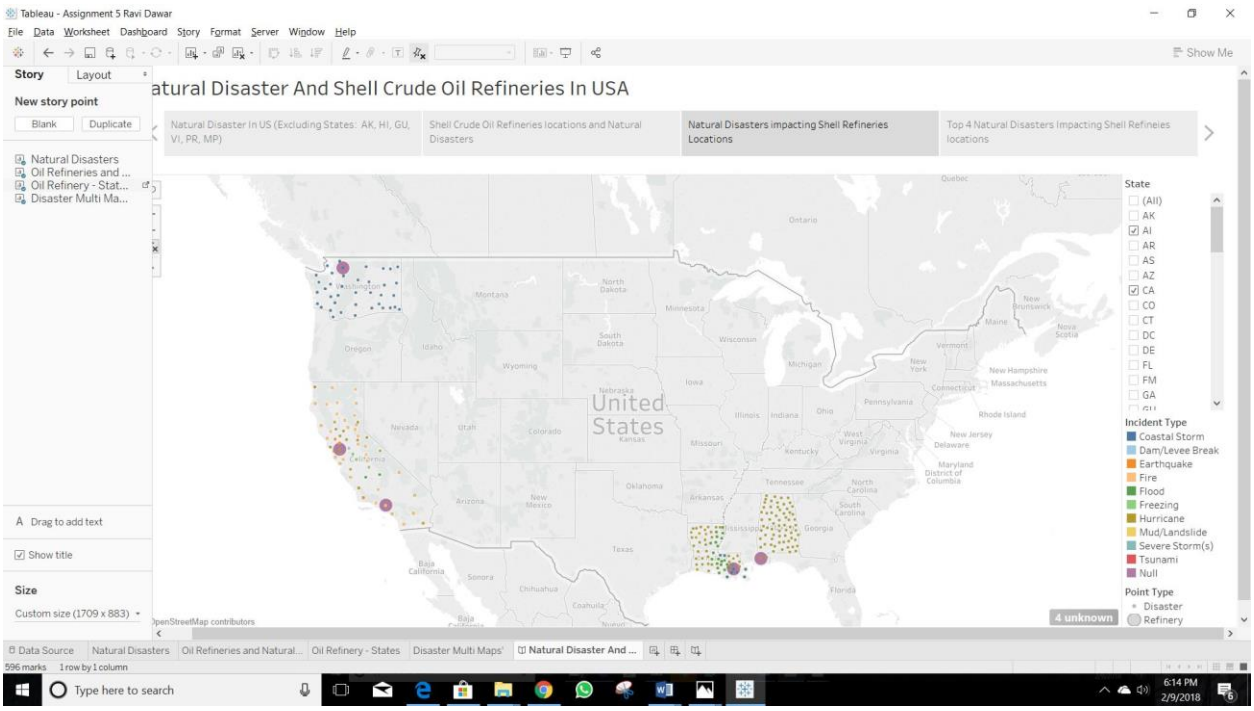
2/9/2018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New story point
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United States
State
(All)
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Incident Type
Coastal Storm
Dam/Levee Break
Earthquake
Fire
Flood
Freezing
Hurricane
Mud/Landslide
Severe Storm(s)
Tsunami
Null
Point Type
Disaster
Refinery
Drag to add text
Show title
Size
Custom size (1709 x 883)
4 unknown
Data Source
Natural Disasters
Oil Refineries and Natural...
Oil Refinery - States
Disaster Multi Maps'
Natural Disaster And ...
596 marks
1 row by 1 column
Type here to search
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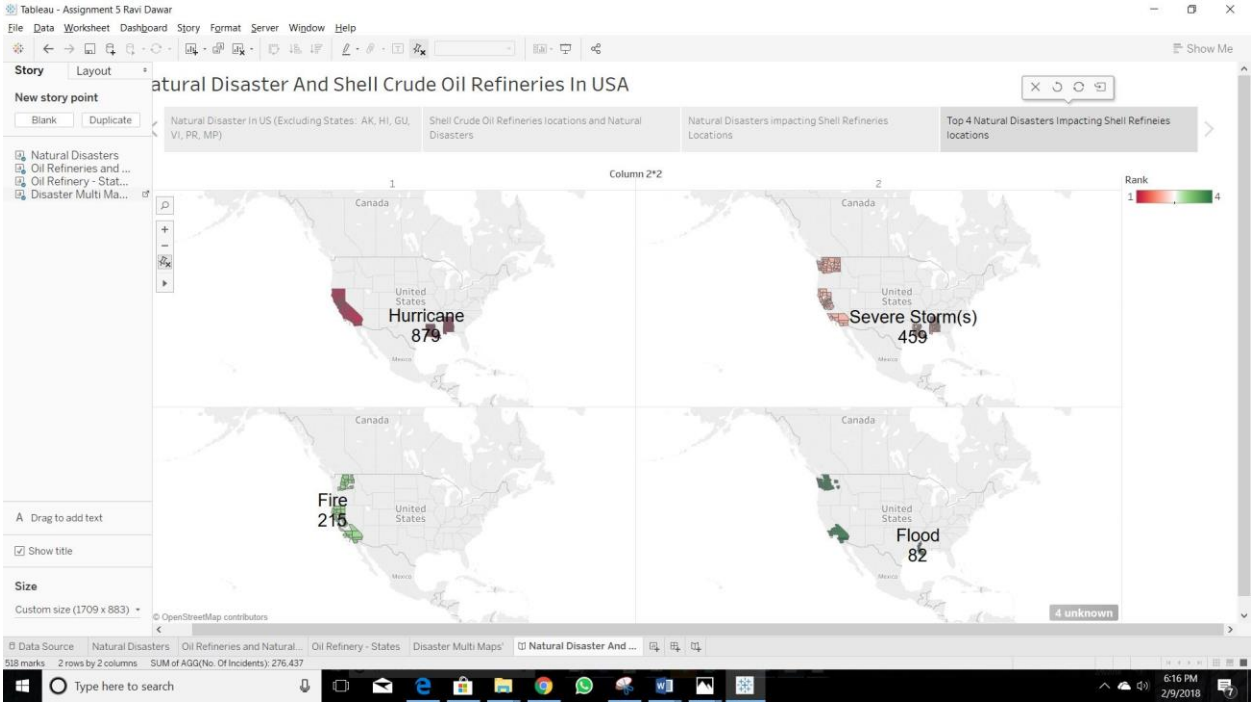
2/9/2018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Natural Disaster In US (Excluding States: AK, HI, GU, VI, PR, MP)
Shell Crude Oil Refineries locations and Natural Disasters
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Top 4 Natural Disasters Impacting Shell Refineies locations
Natural Disasters
Oil Refineries and ...
Oil Refinery - Stat...
Disaster Multi Ma...
Column 2*2
1
2
Rank
1
4
Canada
United States
Hurricane
879
Severe Storm(s)
459
Fire
215
Flood
82
Drag to add text
Show title
Size
Custom size (1709 x 883)
© OpenStreetMap contributors
4 unknown
Data Source
Natural Disasters
Oil Refineries and Natural...
Oil Refinery - States
Disaster Multi Maps'
Natural Disaster And ...
518 marks
2 rows by 2 columns
SUM of AGG(No. Of Incidents): 276,437
Type here to search
6:16 PM
2/9/2018