Q1: What are the states that have more and less cancellation flight?

Link:

https://public.tableau.com/app/profile/amira7843/viz/caneledflightmapandbarchart/caneledflightmapandbarchart?publish=yes

Summary:

We use dash board which consists of two figures that shows the most cancelled flights along the year that shows Texas with high cancellation flight with 668 flights.

MT with less no of cancellation with one trip even GU not have any cancelled trips.

Design:

There are two charts inside the dash board:

1- The Bar chart which shows descending the states from high cancelation to low cancelation and it is the best method to compare between a categorical variable and a numerical variable
2- Map chart which shows the cancelation stats with different colors.

Recourse:

 N/A

Q2: what are the most airlines that make delays for the trip because of bad weather?

 Link:

https://public.tableau.com/app/profile/amira7843/viz/airlinecanceldduetodadwether/airlinecanceldduetobadweather?publish=yes

Summary:

we want to know which the most 3 air lines that the bad weather effected on the trip delay we found that delta are lines is the most one by 32,138 trip then American airlines by 29,217 Trip the third one is southwest airlines by 26,958 trip .

Design:

 We use packed bubble chart to describe the most 3 airlines that the bad weather causes there delay

Delta air line is the higher, American airlines the 2nd, south west 3rd.

Recourse:

 N/A

Q3: what is the highest airport which is affected by bad weather?

 Link:

https://public.tableau.com/app/profile/amira7843/viz/airporteffetedduetobadwether/airportseffetedduetobadweather?publish=yes

Summary:

We want to know which the most 3 airport that the bad weather effected on the trip delay we found Dallas airport have the most affected by 10,028 trip

Design:

The bar chart is the best method to compare between a categorical variable and a numerical variable it's easy for anyone to understand the comparison.

We use bar chart to show the effective of bad weather on the airport are arranged descending from the higher delay to the lower delay

Recourse:

 N/A