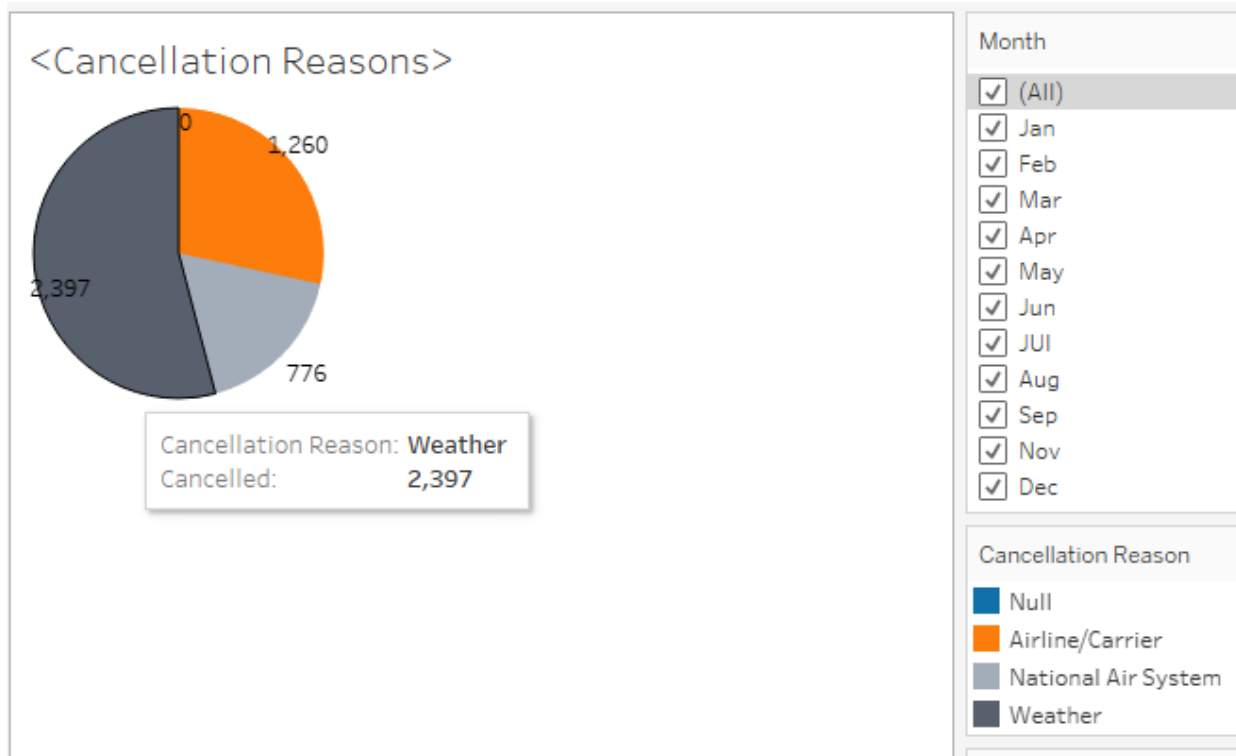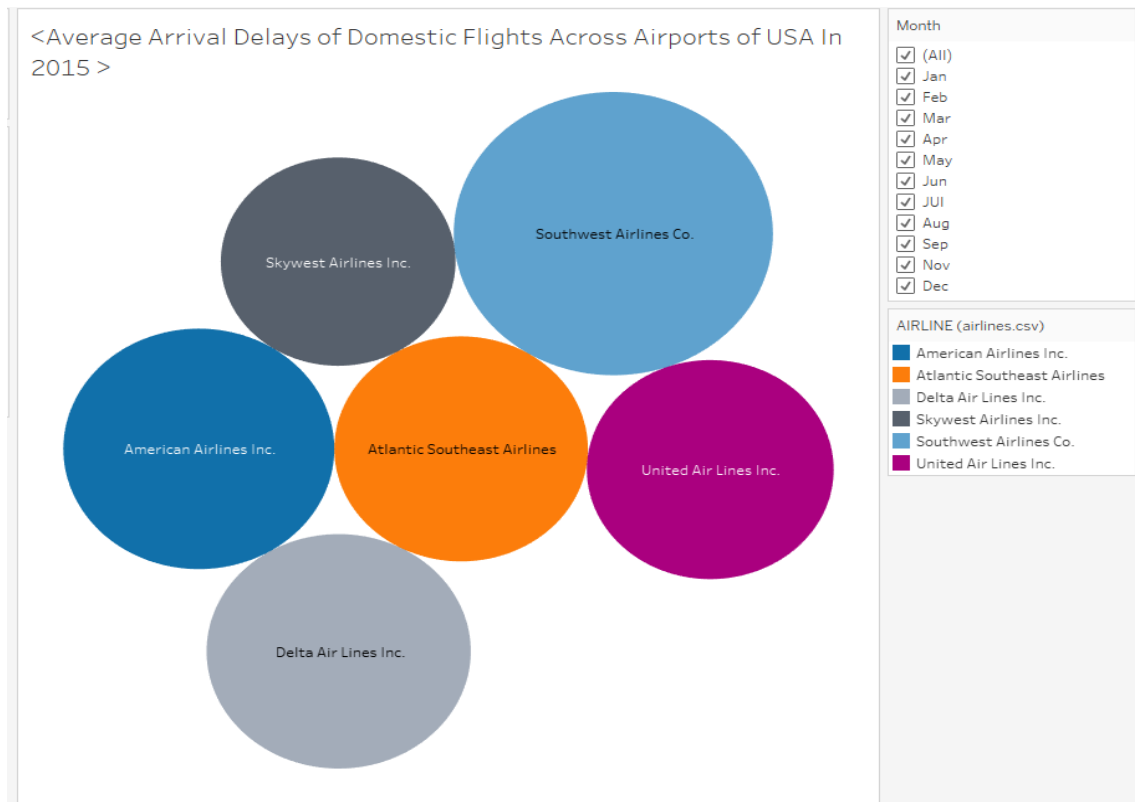# Q1 : what are the most common reasons for canceling flight ?

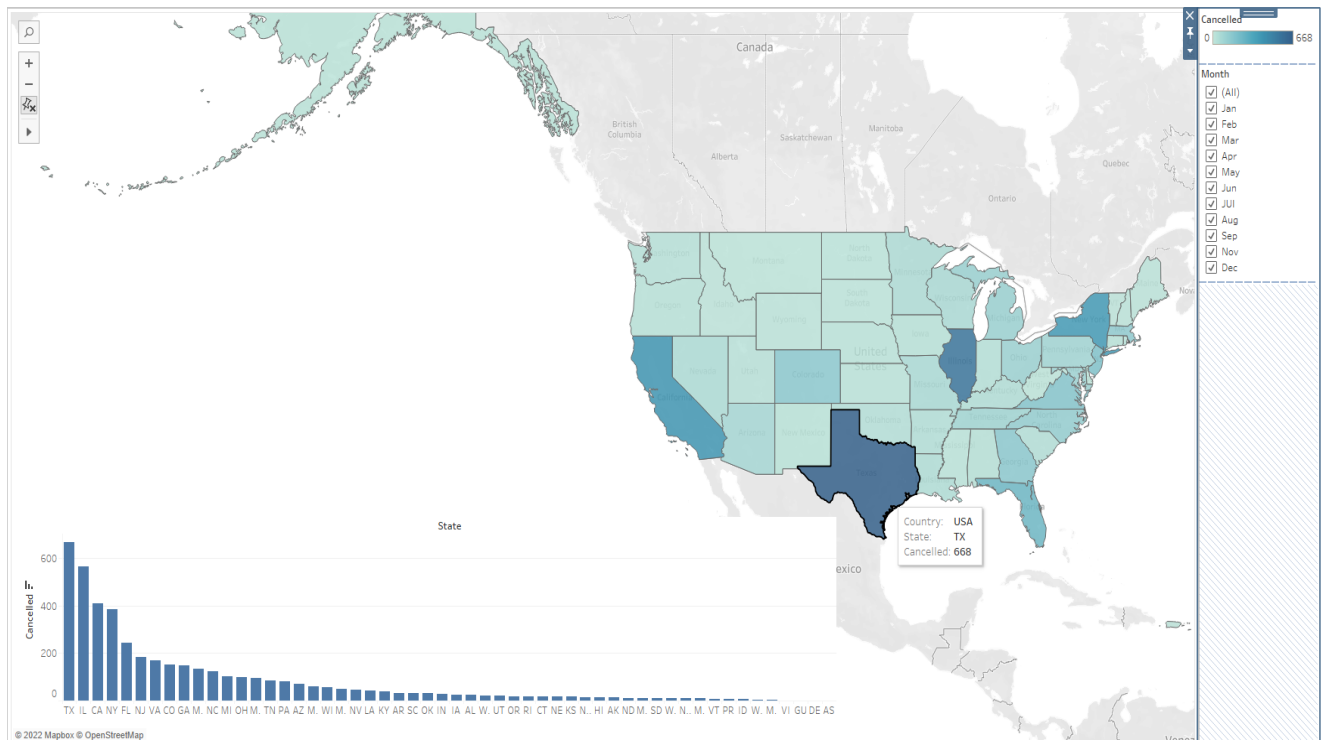

- Links :
  https://public.tableau.com/views/cancellationReasons_16716575375090/Sheet5?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

- Summery:
  According to the above figure describes the common reasons for canceling flights, and it focused on reasons, foremost of which is the weather, where 2397 flights were cancelled and then because of airlines, with a number of 1260 flights. Here we see that the difference is very large, and the weather is an important factor in canceling flights.

- Design:
  I use a chart Pie chart because the comparisons are limited and is shows who has the most reasons for cancellation, as the circle is divided between the reasons, and the selection of colors comes to be readable to all and into consideration for people with color blindness.

- Resources:
  2015 Flight Delays and Cancellations | Kaggle

Q2 : what is the Top six Airlines with the highest number of Airline Delay ?

- Links:
  https://public.tableau.com/views/AverageArrivalDelays_16719967094770/Sheet3?:language=en-US&:display_count=n&:origin=viz_share_link

- Summery:
  According to the above figure describes the Top six Airlines with the highest number of Airline Delay, As shown in the graph, there are several delays from the airline, especially in the Southwest Airlines region. It has been observed that it is the highest in delays, with several delays reaching 182,670 compared to the SkyWest Airlines region, which has several delays reaching 98,814.

- Design:
  I used the bubbles chart for visualization, then I put airlines Delay in filters and edited it to show only the top Six Airlines depend on the number of Airline Delay, after that I added month to filters.

- Resources:
  2015 Flight Delays and Cancellations | Kaggle

Q3 : what are the states most canceled flights ?

- Links:
  https://public.tableau.com/views/Q3-MostcancelledstateDashboard/Dashboard1?:language=en-US&:display_count=n&:origin=viz_share_link

- Summery:
  According to the above figure the dashboard describes the states with the most cancelled Trips during the year from the possibility of filtering the data, as Texas shows the most cancelled trips with 668 trips cancelled during the year, then Illinois with 563 trips cancelled during the year.

- Design:
  I used the dashboard to display more than one chart, where the bar chart shows the states that are the most canceled for trips by comparing the lengths of the bars. For all and considerate of people with color blindness.

- Resources:
  2015 Flight Delays and Cancellations | Kaggle