

1- what are the states canceled flights?

Links:

<https://public.tableau.com/app/profile/amany1121/viz/statecanceled/Sheet3?publish=yes>

Summary:

the figure describes the states with the canceled flights we can see texas shows the most canceled flights with 668 ,than Illinois with 563 flights canceled

Design:

I used the map because I can see the data easily and the number of flights canceled by each state was obtained, the choice of colors should be readable by everyone, especially people who suffer from color blindness

2- what airlines have the worst delays?

Links:

<https://public.tableau.com/app/profile/amany1121/viz/canceledairline1/Sheet1?publish=yes>

Summary:

The figure shows the airlines that canceled. We can note that Southwest Airlines (818) has Most canceled flights. Then followed by Atlantic southeast airlines(800)

Design:

use the pie chart because it shows the largest airlines amount other airlines that have the largest flight delays ,and the choice of colors is to be readable by all and into consideration for people with color blindness

3- What are the reasons for canceling the flight?

Links:

<https://public.tableau.com/app/profile/amany1121/viz/reasoncanceled/Sheet2?publish=yes>

Summary:

The reason column in the trip dataset contains the values: A, B, C and D These characters are not understandable by themselves. So it has been replaced to make the data more readable from the classroom udacity location .

The figure shows the common reason for canceling flights, as it focused on the reasons, primarily the weather and then the airlines, so weather is an important factor

Design:

Use the bar graph because it shows who has the biggest reason to cancel and choose the color blue so that it is readable by everyone and in mind for people with color blindness

Dashboard:

<https://public.tableau.com/app/profile/amany1121/viz/dashboardnew/Dashboard2?publish=yes>