First insight:

[Cancelation Dashboard | Tableau Public](#)

Summary: From this dashboard, we have insights relating to the cancelation data. The map shows which states have had the most flight canceled and when you click at a specific state the bar chart shows you which airlines had the most cancelations and the line chart provides information relating to cancelation trends per month.

We can see that Texas and California have the highest flight cancelations and they both have the same trend where flight cancelations dip in September and then go up in the last months of the year.

Design: I chose to go with a map to show the cancelation data for each state and to allow for better navigation in case you are looking for a specific state. The bar chart allows you to quickly see which airline company had the most flights cancelation and the line chart has been chosen to better illustrate the monthly trend of the cancelations.

Second Insight:

[Cancelations for each day of the week | Tableau Public](#)

Here we can see the flight cancelations for each day of the week and from the filters, we can choose any airline company to see if there is a specific day where cancelations happen more than on other days.

In general, most cancelations happen on Sundays. Most airline companies tend to have the most cancellations on Sunday the first day of the week. This is a very inconvenient occurrence because passengers might miss work on Monday if their flights are canceled on Sundays, which leads to a risk of low customer satisfaction.

Design: a simple line chart was used to illustrate the change in the number of cancelations depending on the day of the week.

Third insight:

[Monthly minutes of delay for airline companies | Tableau Public](#)

In this last visualization, we have a scatter plot that tells which airline company had the most/least minutes of delays at a given month that we choose from the dropdown filters.

Every month Southeast Airline Co. has the most minutes of delay as well as having the most number of flights.

On the other hand, if we look at the delays for all the months we can see that Virgin America although they have the lowest number of flights (2,978) their minutes of delay (46,911 minutes) are way higher in comparison to Hawaiian Airlines (7,892 minutes) who are their closest competitor with (3,565) flights.

Design: I have used the scatter plot to see which airline company has the most minutes of delay and how do they compare to each other. After listening to the reviewer's feedback, I changed the palette used to

accommodate for color blindness. I also increased the size of the scatter to add clarity to the visualization.