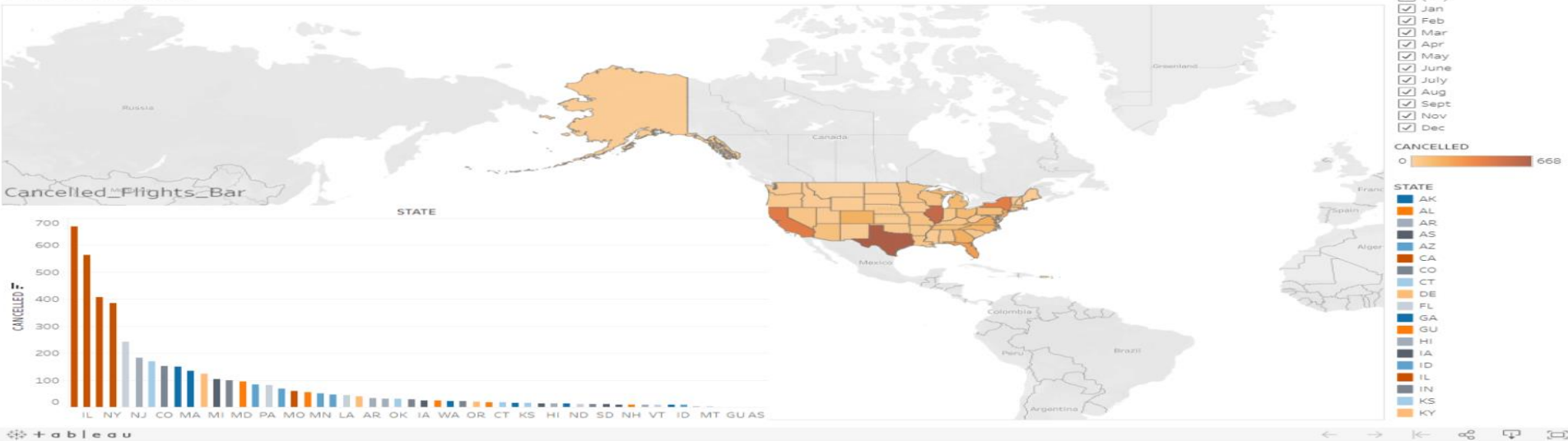


Cancelled Flights Dashboard

Cancelled_Flights



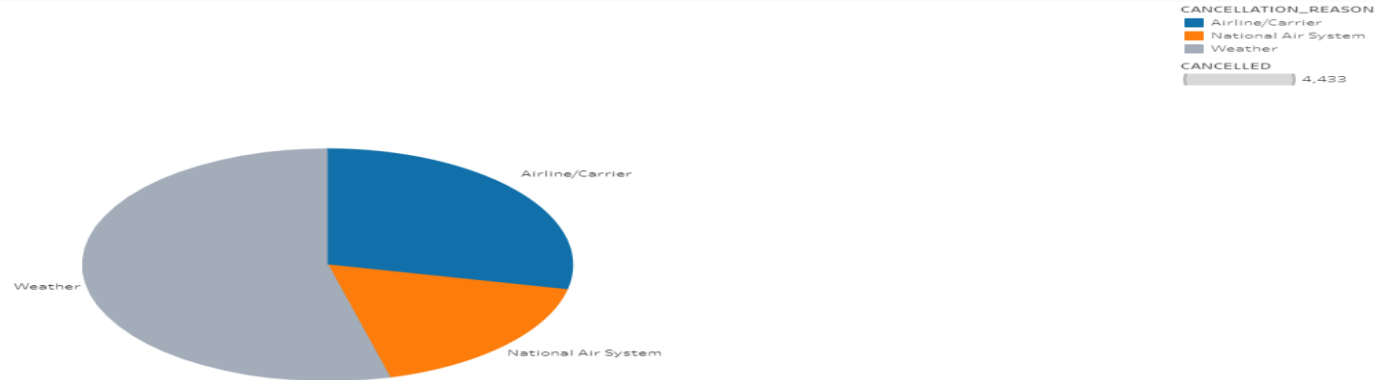
I chosen the map because you can distinguish the states with high numbers from canceling flights at first glance, and months were chosen as a filter

As is shown on the map, Texas has highest number of canceled flights for the year 2015 with 668 canceled flights, and Montana and West Virginia came with the lowest number of canceled flights with only 3 flights.

https://public.tableau.com/profile/wael5827#!/vizhome/Project4_15966047260410/Cancelled_Flights_Dashboard

Cancellation Reason

Cancellation_Reason

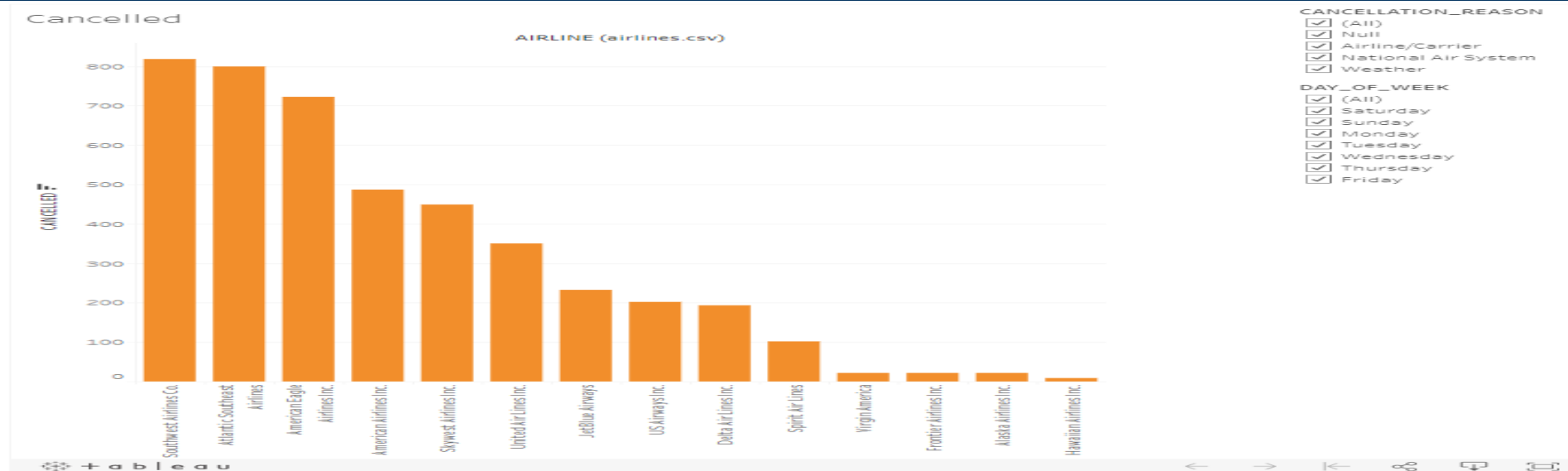


Pie charts provide a good visual representation of the data when the categories show some variation in size.

The reasons for canceling flights were chosen as a filter.

54% of the flights are canceled because of the weather, with a number of 2397 flights, 28% of the flights are canceled because of Airline/Carrier 1,260 flights, and 18% of the flights are canceled because National Air System with a number of 776 flights. https://public.tableau.com/profile/wael5827#!/vizhome/Project4_15966047260410/Cancellation_Reason

Airlines Companies



The bar chart was chosen because it shows the difference between the results.

Cancellation reasons and days of the week were used as a filter.

As shown on the bar chart, the airline Southwest Airlines Co. have highest number of cancelled flights ,With 818 flights, and the airline Hawaiian Airlines Co. have lowest number of cancelled flights ,With 8 flights throughout the year 2015.

https://public.tableau.com/profile/wael5827#!/vizhome/Project4_15966047260410/Cancelled

Resource

<https://www.chartblocks.com/en/support/faqs/faq/when-to-use-a-bar-chart>

<https://www2.le.ac.uk/offices/ld/all-resources/numerical-data/pie-charts>

<https://classroom.udacity.com/nanodegrees/nd098-mena-connect/parts/df391ded-b71e-4533-9250-f3015f12aa1d/modules/f922e0f7-d718-4d00-a0e7-13b8498cf7d3/lessons/6db9dcaf-3564-4e39-83c9-d57223c49863/project>