Flight data visualization using Tableau

Link to my Tableau Workbook with story

Book1 story edit (4) | Tableau Public

I edit and I added the percent of total

Resources : I just used link dataset from website udacity

Summary

I have created the visualizations in Tableau that answer the following questions:

1 Which airlines or airports have the worst delays?

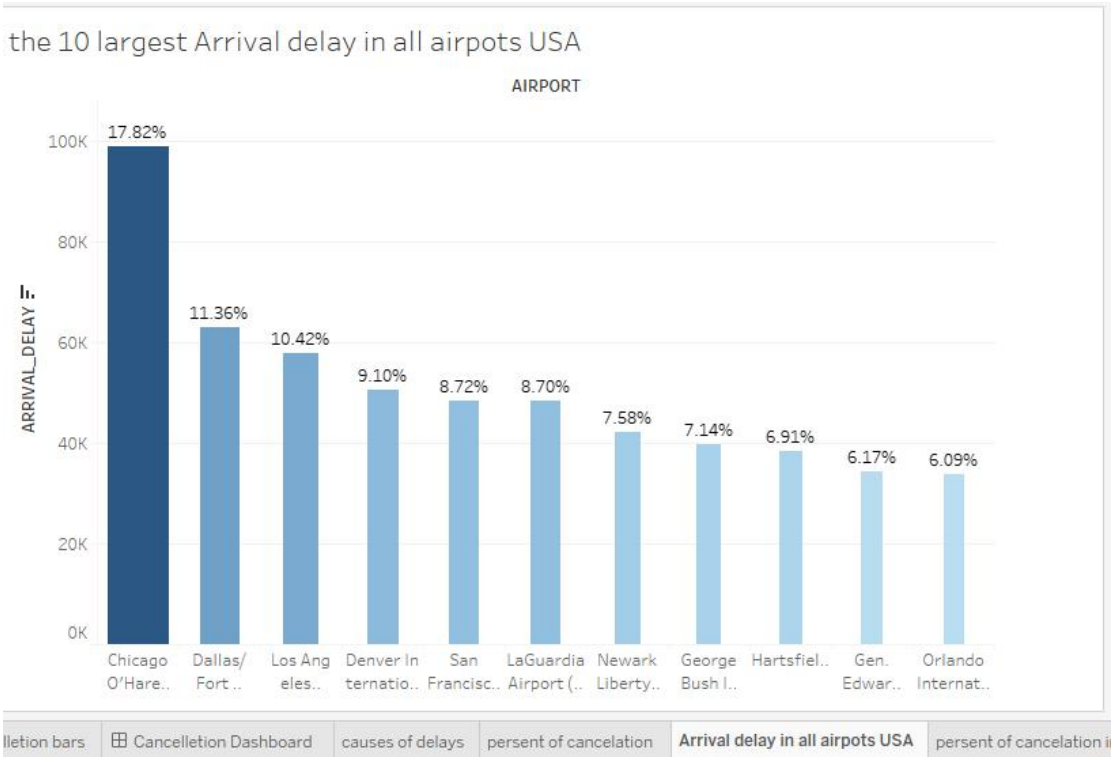
2 What causes delays?

3 and my question is :

A) reasons for flight delays
B) The 10 largest cities have delayed flights

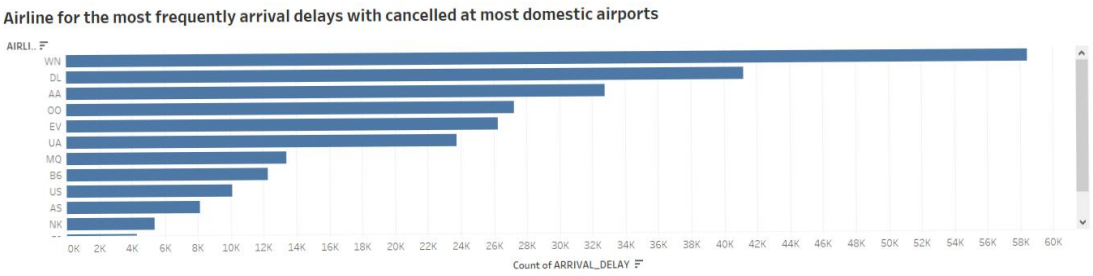
Design :
My choice was the preliminary design for the first point, which was to determine which cities have the most canceled flights.airports ned out that the city whose flights are canceled the most is Texas, which hArrival delay in all airports USA ed flights.

Here I am presenting the most airports that have flight delays

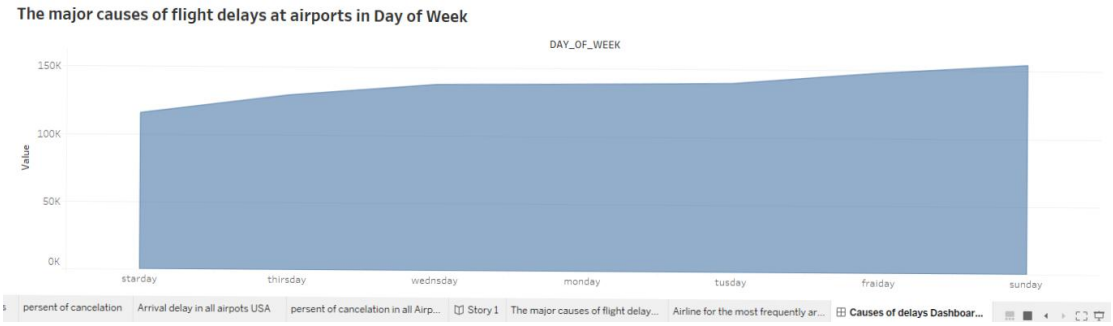


Airline for the most frequently arrival delays with cancelled at most domestic airports and The major causes of flight delays at airports in Day of Week

There are 14 airlines to carry out US domestic flights in 2015. Among of them, WN(Southwest) Airline has the worst records; 58,438 arrival delays and 59,437 flight cancellation from US domestic airports as No. 1 lowest performing domestic airline.

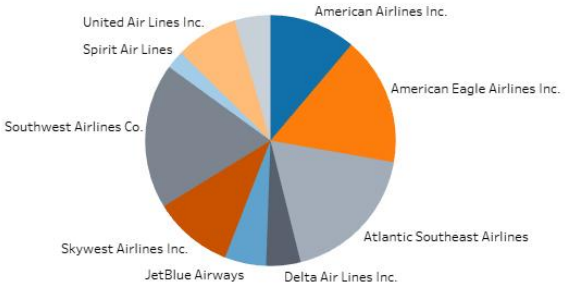


There are 8 major causes for flight delays in this chart; Airline delay, Air System delay, Departure delay, Diverted, Late Aircraft delay, Security delay, and Whether delay. All 8 major causes' counters tell us that the 6th day of week is the least flight delay day in the week.

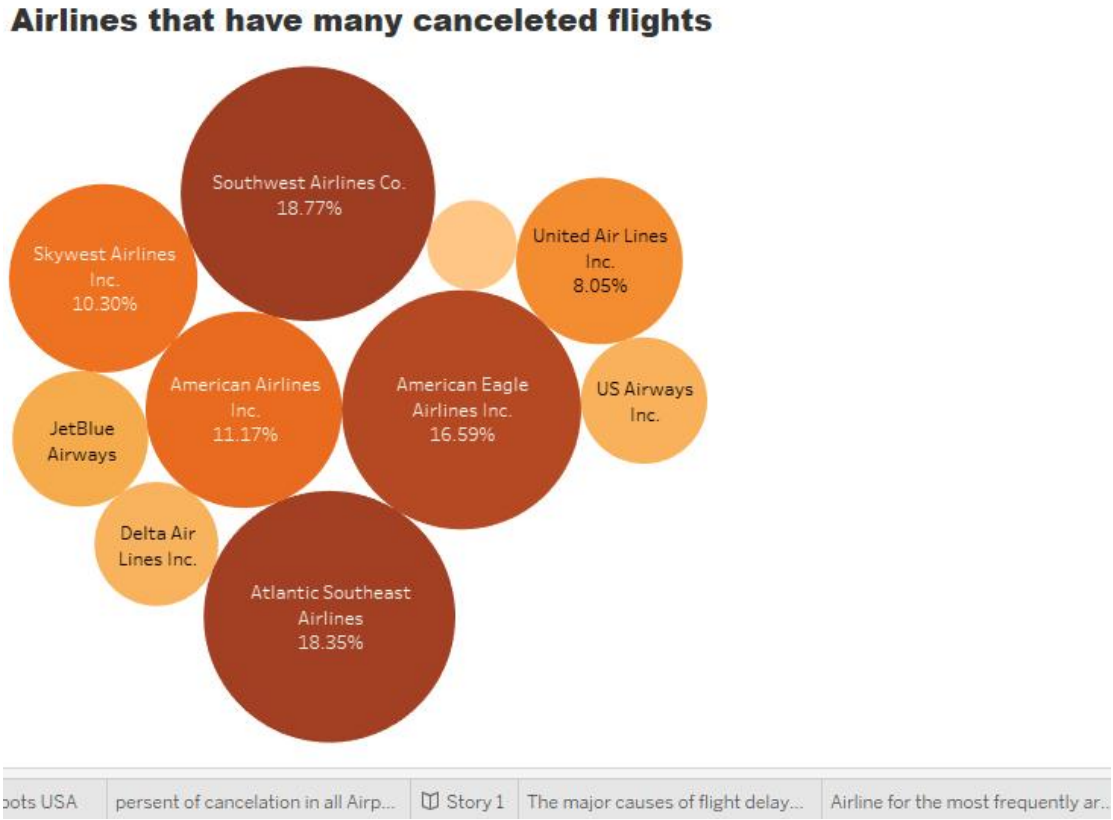


And I collected the most airlines that have canceled flights a lot, the lowest airline, the number of canceled flights is more than 100, and the largest airline whose canceled flights were about 818, and in order to see this design in the form of pie charts, and it would be clear for people, I commended one of the companies whose number of canceled flights is more than 100

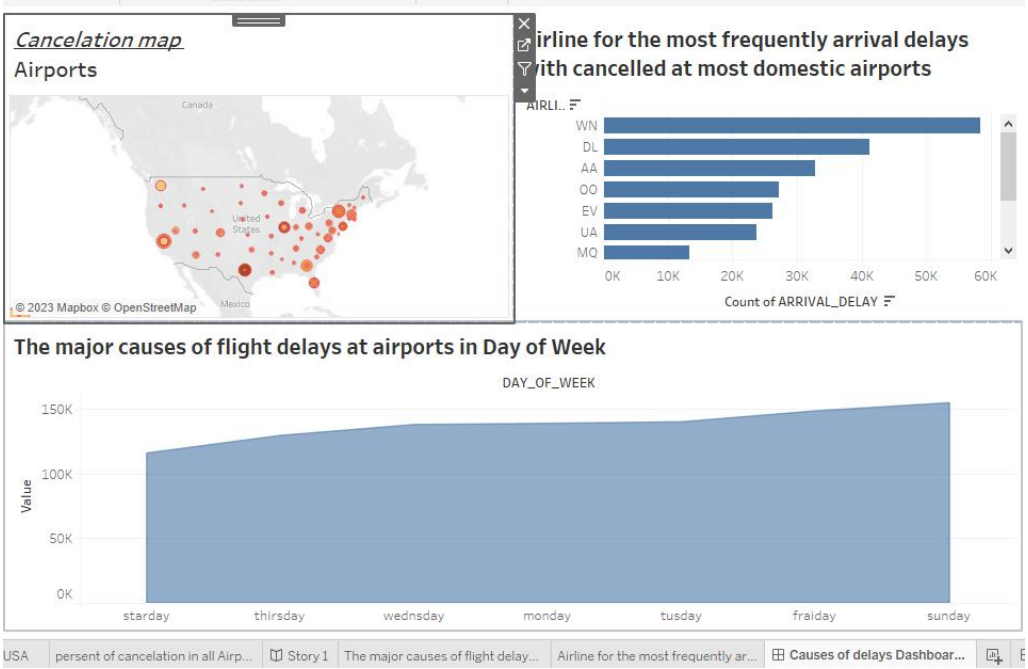
Sheet 5



Here I talk about the airlines that make reservations and have flight cancellations, and I explain about each company that has its own cancellation rate.



The below Dashboard visualization chart is about the insights of US domestic flights and airports operation related data sets. we are able to find out three major insights from this visualization dashboard regarding flights' arrival delays at major US domestic airports & airlines with major causes.



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