

Insight#1 destination city and Delayed Reason

Links :

<https://public.tableau.com/authoring/FlightDelayed/DepartureDelay#2>

<https://public.tableau.com/authoring/FlightDelayed/causeofdelay#2>

https://public.tableau.com/authoring/FlightDelayed/insight1_1#5

summary:

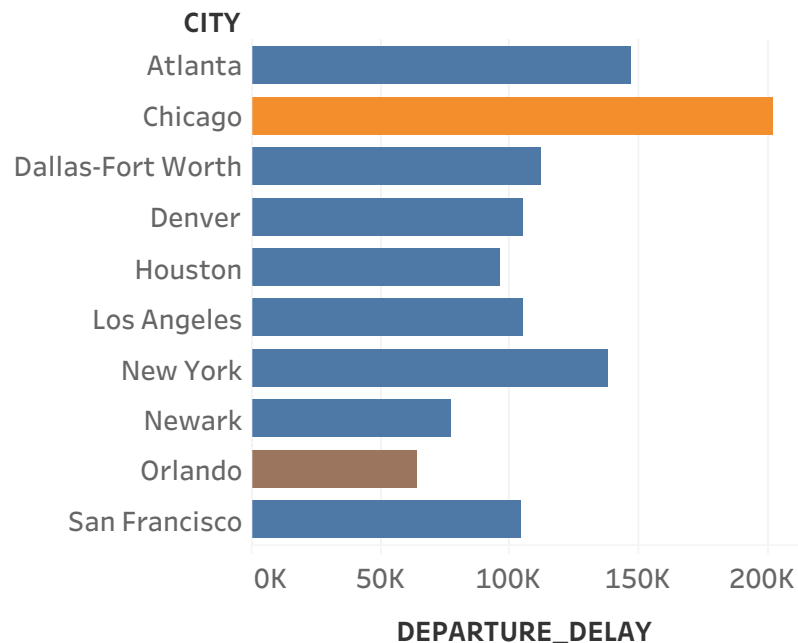
from the chart on the left side we observe that chicago has maximum number of delayed flight, and from chart in right side we found that main reason of that is air system delay which is equal to 80,543

Design:

in the chart in left side i decided to go with horizontal bar chart and the other chart represent on circle with different color to represent the most effective value on delay

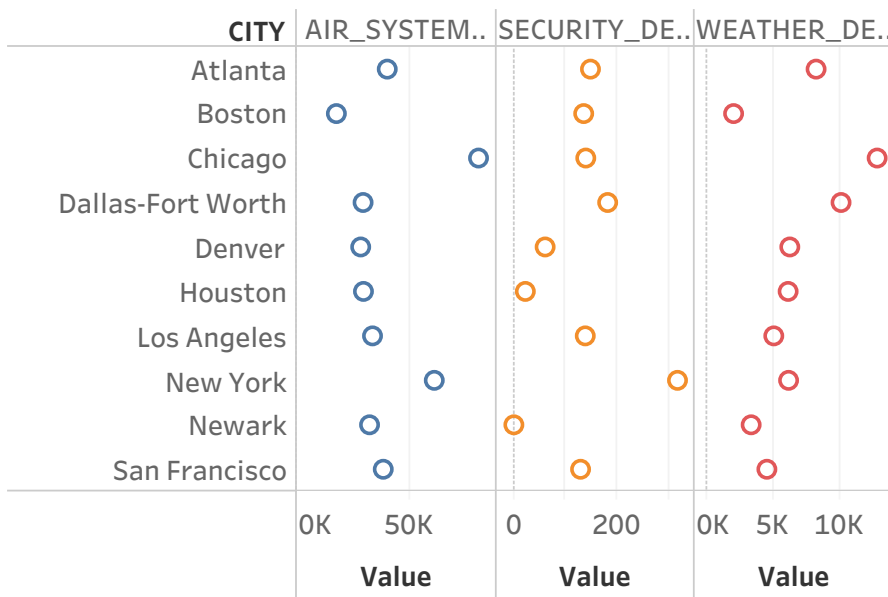
Resource: N/A

Relation between the destination city and total number of Flight delayed



Relation between the causing of delay and the destination city

from this relation we found the most effective reason of delay is air system delay



Insight 2#Air Line cancellation and Delays

Links:

https://public.tableau.com/authoring/FlightDelayed/insight1_1/cancellation#2

Summary

from this chart we can see that southwest Airlines has maximum number of cancellation in 2015 across the us (59,437),and the number of cancellation seems to be strongly correlated the performance indicator of late air craft delay(316,320) and air line delay(182,670)

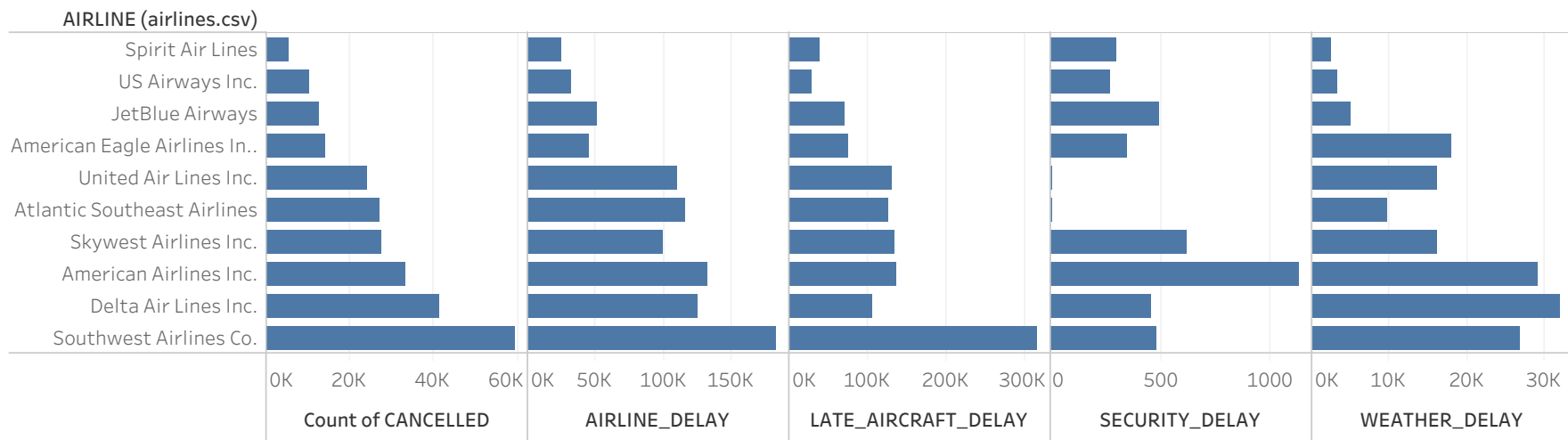
Design:

I Decided to go with horizontal bar chart,to represent the relation between the cancellation reason and what's the most effective of them

Resource: <https://review.udacity.com/#!/reviews/3527165>

this chart represent the relation between airline and the cancellation flight according to many reason

we found from this chart that south west airlines has maximum number of cancellation flight



Insight##3 State cancellation and month

Links:https://public.tableau.com/authoring/FlightDelayed/insight1_1/cancellation%20per%20month%20#2

https://public.tableau.com/authoring/FlightDelayed/insight1_1/cancellation%20reaason#2

https://public.tableau.com/authoring/FlightDelayed/insight1_1/Insigh%20#2

https://public.tableau.com/authoring/FlightDelayed/mapinsight3_1#9

Summary:

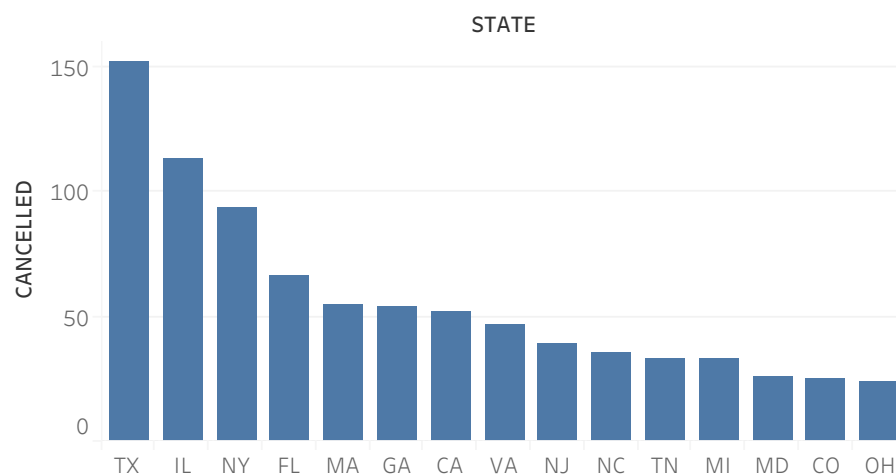
from these chart we represent the relation between month and cancellation trip according to february month as it has maximum number of cancellation and we found TX state has maximum number of cancellation trip which is equal to 152 and by checking chart of delay reason we concluded that weather delay has the greatest value in february month which may be causing the greater cancellation number

Design:

I found that the suitable way for this relation is to put state according to destination in a map and a bar chart to be more obvious and i estimated the number of cancellation as per month on it and to make another chart represent the delay reason in a bar chart

Resource:n/a

Relation between cancellation per state and february month



Relation Between Delayed reason and month

