Tableau Project Report

- ## *Links to your dashboards or story:*

https://public.tableau.com/profile/tamer5491#!/vizhome/DelayandCancelationoffli ghtsofUSAin2015/DelayandCancelationofAirlinesflightsStoryTelling?publish=yes

- ## *Summary:*

   1. when I look at the bar chart of airline delay, I found that Southwest Airlines Co. is the most Airline that has the worst delay.
   2. the causes of delay are of six types.
   3. I found also that the most causes of delays are the Departure Delay and late Aircraft Delay.
   4. when go deep and search for also the highest Airline flight Cancelation we found that Southwest Airlines Co. has the highest number of flights cancel and the most reason for that was reason B.
   5. we can see all of those insights we mentioned before in the same dashboard which make us reach a conclusion that the worst Airlines In the level of commitment to Air Transportation service time was Southwest Airlines Co in 2015.

- ## *Design:*

1. I choose the Bar chart for the first Insight to make easy estimation of the most Airline has the worst delays.
2. I choose the Box Plot for the second Insight to find the outliers for airline and all causes of flights delay.
3. I choose the Area chart to define the most causes of delay and the most delays happened in what Airline (WN)
4. I choose Stacked Bars chart to show the deferent types of cancelations and the amount of cancelation vs causes by what airline.
5. Then I group all charts I have mentioned in one dashboard make the first bar chart the filter for all charts and insights.

- ## *Resources:*

N/A
Data source: flight-delays zip