Data Story

Introduction:

Data visualization is one of the most effective way of viewing the data, tableau is very big tool to visualize the data more easier than any tool, it becomes with two version tableau desktop and tableau public, the first one is required register fees and the another one is for free , also tableau provides publish service that you can put your visualization in the platform of tableau public and the people can see it .

Data:

 in this data story I used flights dataset in 2008 in US, it has 29 columns and 1048576 records, it has the airports names , Airlines, departure delay, arrival delay, weather delay, security delay and many details about flights.

Data Story :

I made three visualization

1- weather and security delay across US:
    I used the map to visualize the data because it will make sense to see the airports on the map.

2- average departure and arrival delay of Airlines :
   I used poble chart to visualize the data.
3- average departure and arrival delay across months:
   I used line chart to visualize the data, the line chart is the perfict type of chart to visualize data across time.

Summary :

1- in dashboard 1 we can see the weather delay in east is more often than west and middle.
2- In dashboard 2 we can see the worst departure delay is in united airlines.
3- In dashboard 3 we can see the worst departure and arrival delay are in December, it dose make sense because there is a holiday.

feedback :

First I made a data story then I got feedback from a friend that I have wrong type of charts and labeling problems and so on, so I took his advices and made another data story that is better and deliver the right visualization of the data,

1- not understandable visualize in dashboard 1
2- there is no labels in dashboards 1,2 and 3
3- wrong type of chart in dashboard 2
4- the y axis is not clear in dashboards 2 and 3
5- the story dose not make any sense

Data story URL :

1- **story_v1** : https://public.tableau.com/profile/abdulaziz.alsulaiman#!/vizhome/datastory_1/Story1
2- **story_final** :
https://public.tableau.com/profile/abdulaziz.alsulaiman#!/vizhome/datastoryofflightsin2008/Story2