

Project: Create a Tableau Story

First Sketch:

<https://public.tableau.com/profile/haninalabduallah#!/vizhome/Flights-FirstSketch/Flights>

Final visualization:

<https://public.tableau.com/profile/haninalabduallah#!/vizhome/Flights-Finalvisualization/Flights?publish=yes>

Summary:

This visualization of flights in various airport and carriers, it shows the causes of delay and the number of canceled flights in the year 2017. The highest delays caused by Late Aircraft Delay, November has the highest rate in delayed and canceled flights and most airports have delays and canceled causes are SFO, ATL, and ORD. This visualization helps the passengers to decide which the best carrier and the appropriate time to travel.

Design:

I designed this story to the persons who decide to travel in easy and comfortable way, which is enables them to select the airport and carrier names and get the results of delay causes cancel flights because of weather which is important factor we can predict it. In the visualization I used 3 kinds of plots, bar chart which used to display carrier categories, line chart which used to viewing data over time for example in weatherDelay plot we view the differences in delay or cancel caused by weather over the year between the months and map to view the airports by geographic location and learn more about each airport. After the feedback I changed the color of plots from grey to black and that make it clearer, I have changed the kind of plot to a line chart in weatherDelay plot. Finally, I have added one more page which is a map that contains a summary of all delayed or canceled flights.

Feedback:

Hello Hanin, I enjoyed reviewing your work, it is a great and simple but, I have some observations on your work, first and second plots are good but, I suggest changing the color of plots to be clearer. Third plot I see if you change it to bar char will be better, final chart it has a great idea but the type of chart not clear at all I suggest also change it to another type. Finally, I suggest creating a new worksheet that contains a map with summary of all flights causes.

My response:

Thank you for your suggestions it's wonderful and accurate, I modified all of it, but in my opinion change third plot to bar chart is not beautiful and un useful I see line chart more appropriate.

Resource:

<https://www.youtube.com/watch?v=y5P90Qme13k>