

## Insight 1

[https://public.tableau.com/app/profile/samy8189/viz/Whichairlineshavetheworstdelays\\_16446517630270/Whichairlineshavetheworstdelays?publish=yes](https://public.tableau.com/app/profile/samy8189/viz/Whichairlineshavetheworstdelays_16446517630270/Whichairlineshavetheworstdelays?publish=yes)

The airline with the worst delay appears to be Southwest Airlines

I used a scatter plot because Show the relationship between two variables. So I thought a scatter plot would be the best visual for this purpose. I used a color blind for the airlines. This type of coloring makes it easier to spot which airlines have high/low delays.

## Insight 2

[https://public.tableau.com/app/profile/samy8189/viz/Whichairlineshavetheworstdelays\\_16446518441690/Whichairlineshavetheworstdelays?publish=yes](https://public.tableau.com/app/profile/samy8189/viz/Whichairlineshavetheworstdelays_16446518441690/Whichairlineshavetheworstdelays?publish=yes)

I used a bar plot Because I was trying to compare the delay of airlines and the delay of arrival for airline . So I thought a bar plot would be the best visual for this purpose This

## Insight 3

[https://public.tableau.com/app/profile/samy8189/viz/Whatcausesdelays\\_16446544903640/Dashboard1?publish=yes](https://public.tableau.com/app/profile/samy8189/viz/Whatcausesdelays_16446544903640/Dashboard1?publish=yes)

And compared to other airlines, it seems to have the largest number of flights. This may be the reason for the delay and bad weather, which greatly increases the delay from the fourth month to the sixth month. These could be the reasons for getting the worst delays.

I used a treemaps Because I wanted to compare the number of flights for each airline. So I thought a treemaps would be the best visual for this purpose. I used a sequential blue color for the airline. The darker the blue color, the more is the number of flight. This type of coloring makes it easier to spot which states have high/low number of flight

I used a lines Because i want to track changes over periods of time. So I thought a lines would be the best visual for this purpose. I used color blind for the airline

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