

Telling a stories using data

Description:

In the four sheets we tried to use different types of data visualizations to answer the three questions

- 1- Which airlines or airports have the worst delays?
- 2- What causes delays?
- 3- Where does the biggest cancellations occur?

1) The dashboard

Link:

https://public.tableau.com/views/FlightsDataVisualization_16466560483000/DifferentAirportDelays?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary: It was found out that the most arrival delays are in TX, USA and Atalanta international airports is the most airport having departure delays

Design:

Map: was used as it was able to visualize the heat map of the airports for a certain type of delays as it was very powerful in showing the differences

Side by Side bars: We used the bar charts to visualize the departure delay to know what is the most airport with departure delays

Filters: filters were added to see the effect of them to investigate the reason of these findings

Resources: N/A

2- Visualization 2

Summary: It was found out that Southwest airlines are the most airlines with delays

Link:

https://public.tableau.com/views/FlightsDataVisualization_16466560483000/AirlinesDelays?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Design:

Bar charts: We used the bar charts to visualize the airline delays to know the most airline getting the delays

Filters: filters were added to see the effect of them to investigate the reason of these findings

Resources:

N/A

3-Visualization 3

Summary: It was found out that the most cancellations usually occur at USA TX

Link:

https://public.tableau.com/views/FlightsDataVisualization_16466560483000/Cancellations?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Design:

Tree charts: we used tree charts to know the most place getting cancellations for the trips

Filters: filters were added to see the effect of them to investigate the reason of these findings

Resources:

N/A