

Insight 1

Q: Which airlines have the worst delays?

https://public.tableau.com/views/Book1_16579461457140/Sheet1?:language=en-US&:display_count=n&:origin=viz_share_link

The top airlines with the worst delay are Southwest airlines with 182,670 delays. This is followed by American Airlines with 131,674 and Delta air lines with 125,178. The airline with the least delay is Virgin airlines.

Insight 2

Q: Which States have the most and least delay?

https://public.tableau.com/shared/MN5TQB6XT?:display_count=n&:origin=viz_share_link

The state with the number one flight delay is Texas with 668, followed by Illinois with 563. The state with the least delay is Delaware with 0 delays.

Insight 3

Q: The number 1 reason for flight Cancellations?

https://public.tableau.com/views/Flightbook3/ReasonsforFlightCancels?:language=en-US&:publish=yes&:display_count=n&:origin=viz_share_link

The number one reason for cancelled flights is weather with 2,397 cancellations. Weather makes up 54.07% of all flight cancellations.

Design

In my Designs, I decided to keep color blind friendly colors. It allows for a wider audience to understand the chart. I also decided with my first two charts to use shade to help convey the message of least to most. With the dashboard, I choose the pie chart to show the share amount of each cancellation