

Insight 1

Link:

https://public.tableau.com/views/TableauProject_17339664126760/ArrivalDelayPercentageperAirline?:language=en-GB&publish=yes&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link

Summary:

Spirit Airlines has the highest arrival delays with more than 48% of its flights, while Delta Airlines has the lowest percentage for arrival delays with about 29%.

Design:

I used bar charts with navy blue color to depict the percentage of arrival delays for each airline.

Insight 2

Link:

https://public.tableau.com/views/TableauProject-Dashboard_17339671911660/Dashboard1?:language=en-GB&publish=yes&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link

Summary:

From the map it is obvious that Texas is the state with most flight cancellations(554), and also the state with most weather delays (22196).

Design:

I used shaded map to display cancellations and weather delays across different States, I chose red color for cancellations since it is more suitable for negative events.

Insight 3

Link:

https://public.tableau.com/views/TableauProject-DepartureDelay_17339676911280/DepartureDelayovertime

Summary:

Departure Delays changes overtime for each airline, for most airlines departure delays are the highest around June, and there is usually a drop in departure delays around September.

Design:

I used line chart to depict changes in departure delays over the year, and each airline represented by a different color. I used color blind palette for this visualization.