

Insight 1

https://public.tableau.com/views/airlinesandairportsdelaysdashboard/Dashboard1?:language=en&:display_count=y&:origin=viz_share_link

- From this dashboard you can determine which airlines and airports are the best and worst in terms of delays.
- It appears the worst Airport which is dark blue circle (Chicago O'Hare International Airport) because of the delay about (47,875) for Air System.
- And the best Airport it's St. Cloud Regional Airport with (0) Air System Delay which is the lighter blue circle.
- Using **maps** visualization to display the geographically related data and present it in the form of **maps**.
- The worst Airline appear in the dashboard is (Southwest Airlines Co.) which have the highest sum of departure and arrival delays.
- And the best Airline which have the minimum delays on Departure and Arrival is (Hawaiian Airlines Inc.).
- Using side-by-side bar to compare each Airline in each departure and arrival delays.

Insight 2

https://public.tableau.com/views/DelaysandDaysofWeek/DelaysandDaysofWeek?:language=en&:display_count=y&:origin=viz_share_link

- Can recognize from this chart the delays of departure and arrival in days of week.
- It's shows that on the weekend the delays are decreasing for both departure and arrival times.
- And on the start of the weekdays it's gradually increased.
- Using **lines** chart to display change over time.

Insight 3

https://public.tableau.com/views/DelaysbyMonthsof2015/DelaysbyMonthsof2015?:language=en&:display_count=y&:origin=viz_share_link

- From this visualization you can see the vast amount it's for (Late Aircraft Delays) in July.
- And the insignificant amount it's belongs to (weather Delay) in September.
- Using **Area** Charts to recognize the considerably large differences between the selected type of delays.