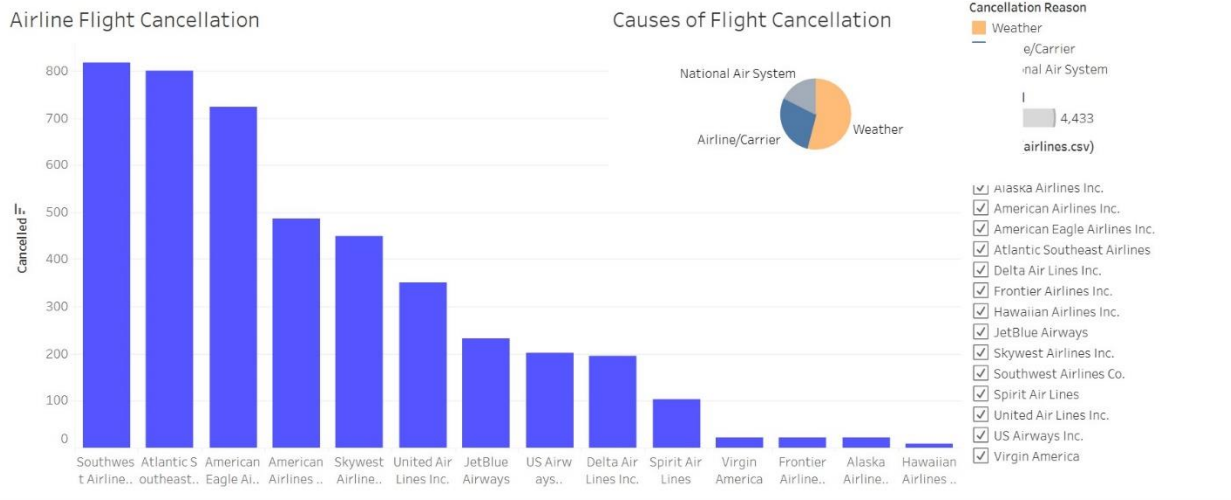


Q2 What causes delays and Which Airline is the most delayed?

Flight Cancellation Dashboard



Link:

https://public.tableau.com/views/Q2WhatcausesdelaysandWhichAirlineisthemostdelayed/FlightCancellationDashboard?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link.

Summary: This dashboard provides insights into flight cancellation for various airlines and the primary reasons for these cancellations. Notably, Southwest Airlines experiences the highest flight cancellation totaling 818 cancellations, while Hawaiian Airlines exhibits the lowest with just 8 cancellations. The most prevalent reason for flight cancellations is adverse weather conditions, followed by issues attributed to the airline or carrier. The National Air System is the least common cause of flight cancellations.

Design: The dashboard employs a bar chart to visualize airline cancellation, effectively highlighting disparities among different carriers. Additionally, a pie chart illustrates the distribution of cancellation causes, making it easy to discern the relative prevalence of each factor.

Resources: <https://www.kaggle.com/usdot/flight-delays/data>

Q2 What is the Average Departure Delayed Airline?

Average Airlines Departure Delay



Link:

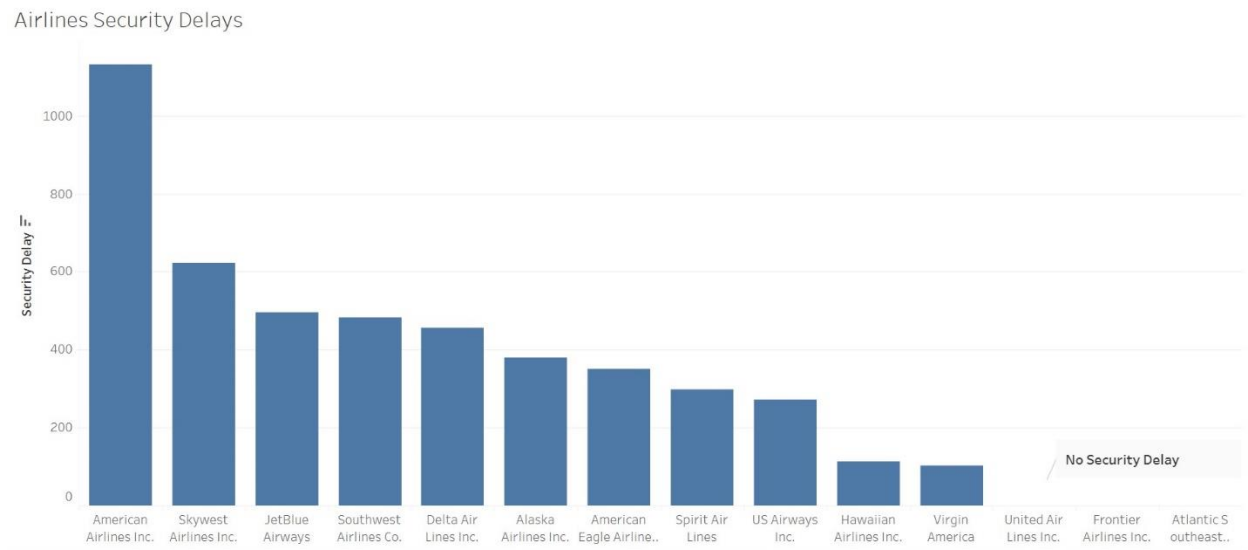
https://public.tableau.com/views/Q2WhatcausesdelaysandWhichAirlineisthemostdelayed/AverageAirlinesDepartureDelay?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link.

Summary: The figure illustrates the average departure delay rates for various airlines. Hawaii Airlines boasts the lowest average of delayed departures. Spirit Airline has the most delayed departure flights as shown on the tree map.

Design: A tree map is employed to effectively compare the average delayed flights for the airlines.

Resources: N/A

Q2 Which Airline is most delayed due to security reasons?



Link :

https://public.tableau.com/views/Q2WhatcausesdelaysandWhichAirlineisthemostdelayed/AirlinesSecurityDelays?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary: The chart depicts security delay statistics for various airlines. Notably, American Airlines experiences the most significant security delays, while United, Frontier, and Atlantic Airlines report zero security delays.

Design: A bar chart is employed to enhance data visualization and facilitate clearer understanding.

Resources: N/A