



Telling Stories with Data




September has the lowest covariant departure delay for all airlines.

Link to [visualization](#)

Summary: September has the lowest covariant departure delay for all airlines.

Design: At first we chose sum and average as measure, however it did not presented the whole picture. Hence we related departure time, departure delay with covariance.

Resources: <https://en.wikipedia.org/wiki/Covariance>, tableau tutorials



Travellers to Dallas Fort Worth and O'Hare International airport be wary for delays, cancellation and air time.

Link to [visualization](#)

Summary: Travellers to Dallas Fort Worth and O'Hare International airport be wary for delays, cancellation and air time.

Design: Bar charts list top 5 airports for each category

1. Destination vs sum of cancelled flights
2. Destination vs sum of weather delay
3. Destination vs sum of air time.

Resources: N/A



22% of US air traffic can be improved, just by Southwest Airlines

Link to [visualization](#)

Summary: 22% of US air traffic can be improved, just by Southwest Airlines

Design: All three visuals :

1. Stacked bar graph
 2. Packed Bubbles
 3. Tree map
- Support the finding with easy to correlate data.

Resources: [Pluralsight Tableau fundamentals course](#)