

# US Flight Delay Data Visualization Project

## Summary:

I downloaded The data set which contains information on United States flight delays, delay times and reasons from [https://www.transtats.bts.gov/OT\\_Delay/OT\\_DelayCause1.asp](https://www.transtats.bts.gov/OT_Delay/OT_DelayCause1.asp).

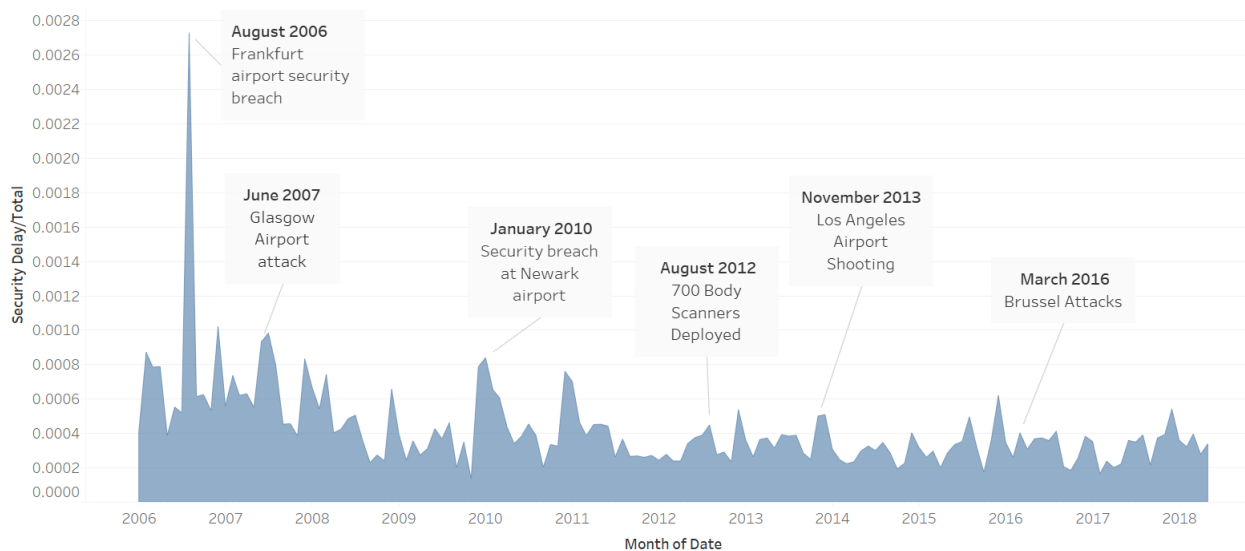
The points I observed are:

- Delayed air traffic related to weather conditions.
- Change in air traffic delay pattern through the year
- Delays caused by security conditions
- Delayed and arriving flights at a chosen airport
- Airlines and airports performance

## Design:

From the design perspective, I attempted to share insights from three areas. First, how air traffic delay pattern changes through the year. Secondly tried to find an interaction between significant security incidents and security caused delays. Finally, I tried to show the best and worst performed airports, airlines.

<https://public.tableau.com/profile/mehmet.b.saruhan#!/vizhome/FlightDelayStoryProject/Story1?publsh=yes>



Upon feedback, I realized that there is a page for every graph in my story which is somewhat confusing. Then I created two dashboards and combined related graphs. Besides, there were some confusing naming in the pages, which I removed.

<https://public.tableau.com/profile/mehmet.b.saruhan#!/vizhome/FlightDelayStoryProjectV1/USFlightDelayDataVisualizationProject?publish=yes>

**Feedback:**

<https://discussions.udacity.com/t/hello-everyone-can-you-please-review-my-tableau-story/873762>

Hi Mehmet,

I have seen your Tableau visualization about flight delays. I really liked the information and the way you presented. I also think that it would be more beneficial if:

- a) You had given short names to pages
- b) You prepared a separate page for International Airports only
- c) You prepared a separate page for delays of main carriers (which have certain number of passengers)

Best

Mustafa Y. Ray

**Resources:**

[https://docs.google.com/document/d/1w7KhqotVi5eoKE3l\\_AZHbsxdr-NmcWslTiZrpxWx4w/pub?embedded=true](https://docs.google.com/document/d/1w7KhqotVi5eoKE3l_AZHbsxdr-NmcWslTiZrpxWx4w/pub?embedded=true)