

Data Visualization with Tableau

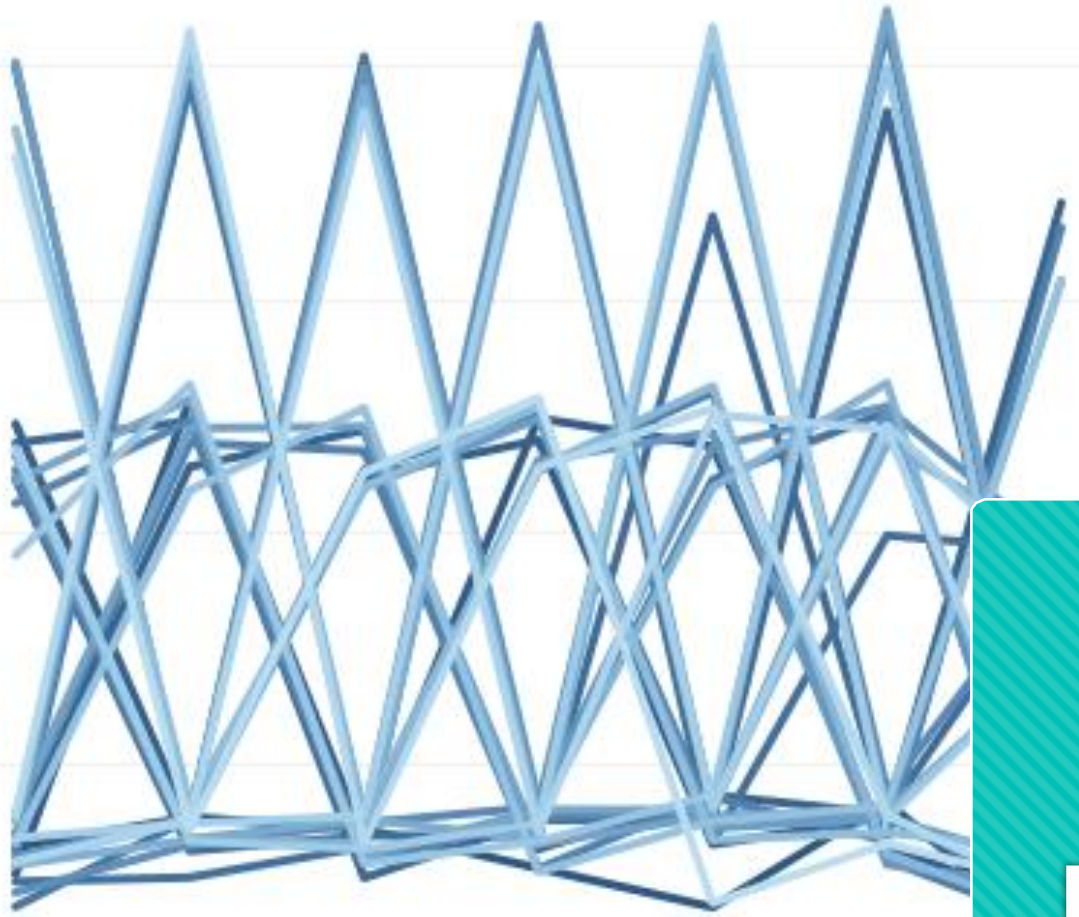
Final project (4)

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DFND



Date



Flight Delays

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

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Insight 1

What's the month with the biggest or lowest number of cancellations happened in it? Which state have the greatest or lowest number of them? What're the states have no cancellations? How many cancellations happened in May in CA?

The story link.

So, the most cancellations happens in February and the lowest happens in September.

The **most cancellations** happens in February (1,058) however the lowest cancellations happens in September (108).

The **greatest** number of cancellation is in Taxes (TX) (668), however the lowest number is in West Virginia (WV) with (3).

There're 4 states with no cancellations are Taxes (AS) , Taxes (DE) , Taxes (GU) , Taxes (VI) .

In May in CA is 33 cancellations happens.

Hint: I have used blue color in my story to avoid color blind problem. And I have combine the "year", "month" and "day" columns to just a date column to easily hierarchies them.

Insight 2

what's the day of the week that biggest or the lowest total departure delay ?
What state have the largest one?

The story link.

So , the largest number of cancelation happens on Monday , California have a largest number of cancelation.

The biggest **total departure** delay on **Monday** (455,860) in June ,however, the lowest total on **Saturday** (273,264) .

The state that have the biggest is **California (CA)** (345,558) and the most of the total is in **Thursday**(59,334).

Hint :And I have combine the "year", "month" and "day" columns to just a date column to easily hierarchies them.

Insight 3

What's the day of the week that has the most number of flights? what's the most popular airport? what's the top day of the week in per month that made has the highest number of flights ?

The story link.

So ,the most number of flight are on Monday but the lowest number in Saturday as well as the most popular airport is Hartsfield-Jackson Atlanta international airport (ATL) in Georgia.

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The biggest **number of flights are** on **Monday** (41,016) ,however, the lowest number of flights on **Saturday** (33,039) .

the most popular airport **Hartsfield-Jackson Atlanta international airport** (ATL) which located in **Georgia (GA)** (17,833).

The most day of the week in month is **Thursday** in April (320 flight).

Hint: I have just selected (in just top 20 airports graph "bar chart")the top 20 airports because they're need to answer my questions.

And I have combine the "year", "month" and "day" columns to just a date column to easily hierarchies them.

Resources: N/A (just the dataset from Udacity).

Thank you.
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