

Insight 1

Link:

https://public.tableau.com/app/profile/ahmad.fred/viz/project2insight1_16637639420490/Dashboard2

Summary:

this dashboard visualization shows what is the airline with lowest arrival delay and what is the best time to travel with it in which airports?

As we get from the first worksheet which airline have the lowest arrival delay in US which is Alaska Airlines Inc. with total arrival delays -4007 which means this airline flights arrives earlier than its schedules

so, it is recommended to travel with Alaska Airlines Inc.

And in the second worksheet we can get more info about the best time to travel with Alaska Airlines Inc. from is on April with -2082 and the worst time to travel with them is on august with total arrival delay 2098

So, it is recommended to travel in April and it isn't recommended to travel with Alaska Airlines Inc. in august "also it is good to travel in May to July and from September to December"

Finally in the third worksheet we can get the best airport to travel to with Alaska Airlines Inc.

The lowest in delays were airports Portland International Airport with -2780 arrival delay time also San Diego International Airport with -1286 arrival delay time and it's not recommended to travel with Ted Stevens Anchorage International Airport with total arrival delay time 1057

Design:

First worksheet used bar chart as it is the clearest chart to show the highest or the lowest

Second worksheet the line chart shows the data change over time in a clear way

Third worksheet the scatter plot using a different clear chart to show the highest in data

Resources: N\A

Insight 2

Link:

https://public.tableau.com/app/profile/ahmad.fred/viz/project2insight2_16637659651000/whatisthehigheststatewitharrivaldelaysflightsintheUS

Summary:

this worksheet shows what is the highest state with arrival delays flights in the US?

The highest state with arrival delays flights in the US is Texas with total arrivals delay time 174,212 the second highest state is California with arrival delay time 171,586

So, if you travel to Texas or California, it is most probable to have delay in your flight so you can arrange to travel early than you need to be there.

Design: the map shows the best the data over space like in different states or countries using color intensity to differentiate the highest and lowest

Resources: N\A

Insight 3

Link:

https://public.tableau.com/app/profile/ahmad.fred/viz/project2insight3_16637681609490/whatisthehighestairlineincancellingflightsinTexasandwhatcausethecancellationsthemost

Summary:

this dashboard visualization shows what is the highest airline in cancelling flights in Texas and what cause the cancelations the most?

In the first worksheet we get the highest airline in canceling flights in Texas

Which is the American Eagle Airlines Inc. with total cancelations 184.

The second worksheet shows what cause flights cancelations the most and it was weather for 147 canceled flights

So, if you travel to Texas most canceled flights were because of weather so make sure to check weather state before scheduling flight reservation.

Design:

First worksheet using scatter plot here is a different way to show accumulation of data in some data range and it is clear here to identify the highest

Second worksheet pie chart here shows clearly the causes in a way of portions of causes take place in cancelling flights using blind color pallet which is suitable for all viewers.

Resources: N/A