D E dpElst@hotmail.com

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Review Attached.

Hope it's useful.

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Darren

Looking at what appears to be Preto Charts for the **Departure Delays by Airport** of either **Origin** or **Destination**, the Data is somewhat interesting, but I do find that I am asking myself "is there a correlation between Delays at Origin and Delays at Destination?" My instinct is Yes, but some kind of chart that either Confirmed or Dissuaded my "Instinct" might prove valuable.

For Example, one of the things I am wondering is: Are these Delays related to the Size of the Airport, or the Volume of Flights, or the Size of the City they serve?

It looks like the Departure graphs indicate Number of Delays per Hour. I only get that because when I hover the mouse over one of the Bars in the Graph, it shows a pop-out like the one you see below:

Airport Origin: Fresno Yosemite International Airport
MAX([Departure Delay])/60: **10.37**

I infer from the bottom line of the Pop-Out that it is Maximum Departure Delay per 60 — which I further infer is an hour; so I assume that the Value of 10.37 is Number of Incidents per hour. If that is true, then it might be helpful if there was a Title that stated "Departure Delays by Airport of Origin (Instances per Hour)". Now obviously if my interpretation of the Pop-Out Tag is incorrect, I still think that a Clarification somewhere near the Title or the Top-Center of the Graph would be helpful.

The **Max Arrival/Departure Delays Per airlines** tab, I guess that Max Delays have some value, but one would hope that Max Delays are generally One-Off's. It might be interesting to know what the Average Delays are by Airline. Also might be useful to know the Variance between the Max and the Average — for example some kind of Graphic way of displaying Average vs. Max. This way I could tell if the Max is a "One Off" or is there an ongoing problem there. Also, I would Lower-Case "Per" in the Title, and Upper-Case "Airline".

On the **Canceled Flights by State**…
The map provides an interesting Visual, but I think it Sucks for the Details. Now, I realize this might be a problem with the tool (Tableau), but when I zoom in, the Continental United States moves off to the Right of the Image, and I can't find a way to "Drag" it back to the Center. Also, even though if I Hover my mouse over a **State** I get the Count for that **State**, I'm thinking that If I Zoom In far enough, the Counts should appear as a Label over the State without my having to Hover over it. I also think a List of Values by State in either Count Ascending, or Count Descending, order under the Gradient would be useful. It does appear that there is some correlation between the Population of the States and the number of Cancelled Flights. For example: California and Texas have the highest values while South Dakota and

Wyoming have the lowest; and Florida has more that Georgia, even though Atlanta is currently the Busiest Airport in the country.

AHH!! Finally figured out how to "Drag" the map. Some instructions on the Page might be useful.

Dashboard1

So, a "Dashboard" is technically to provide a Quick View of Up-To-Date information — Kind of like the Dashboard in your car Displays Up-To-Date information about Speed, Fuel remaining, Engine Water Temp, etc. So, realizing that this is an exercise I guess I will leave it at that.

Story 1

I guess that the "Story" helps provide some Quick details, but — again realizing this is an exercise — I don't find the "Story" that useful. But… perhaps that's just me.