

Link	https://public.tableau.com/profile/hassan3208#!/vizhome/Hassan-Insight3DataVisProject/Springbreakandflightdelaystory
Summary	<p>Based on the given data set, the top three state which you should avoid if you would like to avoid is Texas (6003 flights), California (5937 flights) and Florida (4379 flights). We might look at it from different angle, and we can say travel agency customer who is looking for night-life activities should head to the top mentioned states.</p> <p>As we can see in the dashboard, if we take for example Florida, we find out that most of flight delay due to late aircraft. The top airlines which has the highest late rate are American Airline, JetBlue and Southeast. Miami has the highest delay hours among other airports located in Florida.</p> <p>In terms of worst airlines in terms of cancellation, the bar chart is showing American Eagle has the worst records. They have 723 out of 14149 flights cancelled (%5.11 of total flights). The flight mostly cancelled due to the bad weather conditions.</p> <p>In the other hand, Delta Airlines is one of the best flight in terms of low cancellation rate. They have 194 out of 41516 flights is cancelled. (%0.47).</p>
Design	<p>Charts I used in my data story and why I did choose them:</p> <ul style="list-style-type: none"> - Map: The map has been selected to represent my data because firstly, I have columns in my data set containing the longitude and altitude. Secondly, I'm trying to catch the audience attention by making my visuals easy to interpret. I can use bar charts instead but it will take time for my audience to spot the important information I'm trying to present. - Bubble Charts: Again, I don't want to lose my audience. I would like to grab their full attention and bubble charts will makes it easy to spot among the whole data set the airline who has the highest cancellation percentage. - Bar Charts: Bar charts is classic way to present the categorical data in charts. You can easily spot the differences
Feedback	<p>Most Crowded State During Spring Break feedback:</p> <p>I have share my visuals with a friends of mine who was willing to share his feedback with me. The following was his comments:</p> <ul style="list-style-type: none"> - He told me if the purpose of this visual is to show the most crowded city during the spring break. Why did you choose the color green as your color? In your visuals, you should tell the story by visuals and

	<p>colors. The color green should be used for the positive thing not to show a negative interpretation. (I changed the color to red)</p> <p>Change the title of the legend from 'CNT(Destination Airport)' to 'least to most crowded airport'</p> <p>Cancellation by Airline Dashboard</p> <p>I have tried to be creative and tried to use zoom in affect on the second map but it did not work. Anyway, I used two maps here, the first one highlighted the states which has the highest total delay in hours (darkest is the high total hours and lighter is the least). I used the state map as filter to other sheet so when user clicked on the state, the second map will show the trouble cities along with bar charts to show the top reason behind that delay plus, which airlines is responsible about it.</p> <p>Fight Delay Dashboard</p> <p>The first version of the dashboard was containing 3 charts and one of them Cancellation percentage per airline. My friends commented about how I'm representing information (I was using bar charts which was useful if I did not make the chart depends on the first one. He said that if the user select an airline from the first charts, the bar charts would not be useful that much and the charts might be misleading. He asked me to have the information in table or score card where the user can see the percentage clearly and it would not be misleading.</p> <p>Changed the colors to make more appealing for the eyes instead of one color only.</p>
Resources	N/A