

Amber Parks

Udacity Final project

Dashboard

- **weblink:** https://public.tableau.com/views/Project3Tableau_16754697406840/Dashboard2?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **Summary:** This visualization was created from 2 different worksheets. The first visual shows the states with the highest number of diverted flights. We can see that Texas has a large number of diverted flights followed by Illinois. The second visual in the dashboard shows the number of arrival delays by state. Delaware has some of the lowest arrival delays out of all of the states.
- **Design:** I decided to use bar chart to easily show the differences in the data with the first chart with colors that are easy for the eyes. The second graphic, I used a pie chart to show the data so the slices can show the differences between the states.
- **Resources:** n/a

Insight #1

- **weblink:** https://public.tableau.com/views/Project3Tableau_16754697406840/Sheet1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **Summary:** This visualization was created to show which states have the highest weather-related delays. From the visual we can see that Texas, followed by Florida, had the highest weather delays.
- **Design:** I decided to use a map for this visual because it would help views to better understand the data and made sure to use color blind friendly colors like blue and orange to make the data stand out more easily.
- **Resources:** n/a

Insight #2

- **weblink:** https://public.tableau.com/views/Project3Tableau_16754697406840/Sheet2?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **Summary:** This visualization was created to show which airport (codes) are having the highest level of cancellations. From the Visual, I can see that WN (Southwest Airlines) had the highest number of cancellations.
- **Design:** I decided to use a bar graph to visualize the data to make it easy to digest. I didn't use color on this one because I felt it would distract and not add to the visualization.
- **Resources:** n/a

Insight #3-

- **weblink:** https://public.tableau.com/views/Project3Tableau_16754697406840/Sheet3?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **Summary:** This visual was made to show the cities that had the highest issues with security delays. From the data, I was able to conclude that Orlando, New York and Phoenix were the top 3 cities with security delays.
- **Design:** I decided to use a bubble plot as a way for the cities with the highest number of security delays to stand out more. I also chose to use the “color blind palette” in Tableau to make the visual easy to read for all audiences.
- **Resources:** n/a