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- Link: <u>https://public.tableau.com/app/profile/abobakr/viz/CancelledDashboa</u> rd 16498422771170/CancelledDashboard?publish=yes
- **Summary**: from this dashboard we can see the most canceled state is Texas and the least is American Samoa.
- Design: I used a map because I had to plot geographical data (states). So I thought a map would be the best visual for this purpose. I used a sequential blue color for the states. The darker the blue color, the more is the number of flight cancellations. This type of coloring makes it easier to spot which states have high/low cancellations.
- And I used a bar chart helps us to see and compare differences in amounts of categorical data.

A2

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- Link: <u>https://public.tableau.com/app/profile/abobakr/viz/cancelledairport\_1</u> <u>6498452291430/cancelledairport?publish=yes</u>
- Summary: from this chart we can see the most canceled airport is Chicago O'Hare International Airport and the least is Yellowstone Regional Airport.
- Design: I used a bar chart helps us to see and compare differences in amounts of categorical data and I chose blue and didn't choose many colors because that would be distracting.

A3

• Link: https://public.tableau.com/app/profile/abobakr/viz/cancelledmonth/cancelledmonth?publish=yes

- Summary: from this chart we can see the most canceled month is February and the least is September.

  • Design: I used a line chart because wanted to plot a time series
- continuous data over time.

Resources: N/A.