

Q1: what is the most airline make flights and what is the most cancellation reason effect to airline ?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/storyone_16523605461260/Story1?publish=yes
- Summary: in this story tell us more things about airlines companies like number of flights and number of canceled and what is cancellation reason effect to it
- Design: use bar chart because is useful to display categorical Data
- Resources: N/A

Q2: How much airports in each States and the relation between canceled and states?

- Links:
<https://public.tableau.com/app/profile/mahmoud.batran/viz/dashboardtwo/Dashboard2>
- Summary: in this dashboard will see number of airports in each states and canceled number in each states and Airlines in states there are filters by states
- Design: use maps to see states easily
- Resources: N/A

Q3: The relation between states and weather delays and what is the most airport have canceled and the relation between cancellation reason and month ?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/dashboardtwo_16523607172830/Dashboard22
- Summary: in this Dashboard will know the relation between states and weather delays and what is the most airport have canceled and the relation between cancellation reason and month
- Design: use bar chart because is useful to display all kinds of delays and sum of delays of any Airlines
- Resources: N/A

Q4: Which airlines or airports have the worst delays?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/question1_1_16521935783030/Story3
- Summary: in this story i show all kinds of delays and the airlines to see what is the most airline have worst delay in each kind of delay and all kinds of delay from story we can see that the worst airline is (WN)
- Design: use bar chart because is useful to display all kinds of delays and sum of delays of any Airlines
- Resources: N/A

Q5: compare between cancellation reasons ?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/Question3_16522015094550/Sheet1
- Summary: this visualization show compare between cancellation reasons from visualization we can see that the most cancellation reason is reason : (Weather)
- Design: use Pie chart to show the percentage of each cancellation reason
- Resources:N/A

Q6: Relation between cancellation reasons and days ?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/question2_1_16521948073690/Dashboard1
- Summary: in this dashboard we can see the relation between cancellation reasons and days we can see that :
 1. the most cancellation reason (Weather) causes in month 2 and the first and last day of week and increase from 24-27 days
 2. the most cancellation reason (National Air System) causes in month 2 and the first day of week
 3. the most cancellation reason (Airline/Carrier) causes in month 6 and the second day of week
- Design: use area chart to enable us to see the relation easily from range of days or months
- Resources:

Q7: What causes delays?

- Links:
https://public.tableau.com/app/profile/mahmoud.batran/viz/question1_111/Sheet52
- Summary: from visualization you can see that the most kind causes delays is Departure Delays and the little is Security Delays
- Design: use bar chart because is the best chart to compare the kinds of delays
- Resources: N/A