

Data Viz On Flights

Insight 1

Link: https://public.tableau.com/authoring/Flights_16562954946570/Theairlinewiththemostdeparturedelays#1

Summary: A treemap that indicates the airline with highest number of cancelled flights to detect the least performing airline which is WN with 15,721 cancelled flights

Design choice : Treemap as a more clear option than bar charts to indicate the failing airlines

Insight 2

Link: https://public.tableau.com/authoring/Flights_16562954946570/Percentageofeachcancellationreason#1

Summary: A pie chart indicates that Weather (54.76%) is the greatest reason behind flights cancellations

Design choice: Pie chart is suitable due to the small number of reasons

Insight 3

Link: https://public.tableau.com/authoring/Flights_16562954946570/Airlines#1

Summary : A dashboard to analyze airlines performance regarding flights using 3 graphs which indicated that 4th day of week registered the largest number of departure delays (2,017,267) by WN airline and June is the month with the most departure delays and HA airline is the most disciplined airline with the least delays through all the week

Design choice: The 3 graphs were grouped together to highlight delays and cancellations per airline using bar charts

Resources :

https://public.tableau.com/views/AirlinesPerformanceDashboard_0/AirlinesPerformanceDash?:embed=y&:showVizHome=no&:display_count=y&:display_static_image=y&:bootstrapWhenNotified=true#1