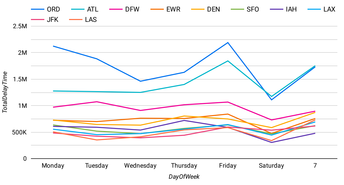
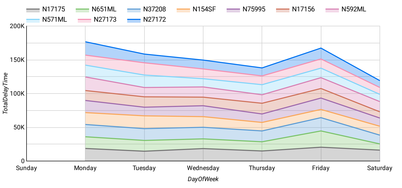
Drill Down 1: To analyze the total delay time per day of week, we can drill down from year to month to day of month to day of week. We may also get a view of which airports are contributing to these delays on particular days of the week.

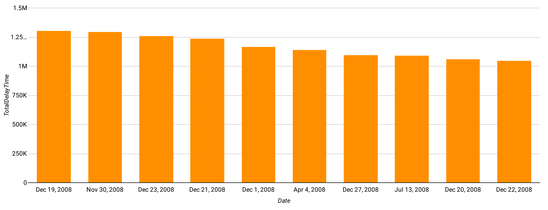


Drill Down 2: To analyze the total delay time per specific aircraft, we can drill down from unique carrier to tail number. We may also get a view of which days of week are common for these delays on particular tail numbers.

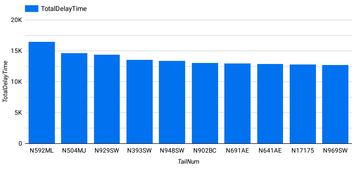
Note: Stacked area chart shows the total delay time per day of the week, with each layer representing a different tail number. This visualization can highlight the variation in delay times across days of the week for each tail number.



TopN: Return the top 10 days of the year with the longest total delay time across all the airport locations



Slice 1: Return the total delay time during January for all flights.

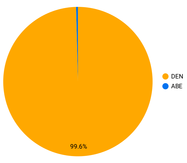


Windowing query: Find the rank of flight numbers based on its average departure delays with the longest average departure delay being the highest rank

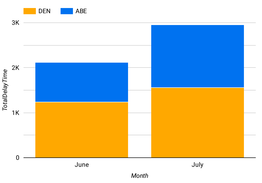
	FlightNum	AvgDepartureDelay
1.	6899	
2.	7487	
3.	7026	
4.	6906	
5.	7405	
6.	7467	
7.	7424	
8.	7656	

1 - 100 / 7481

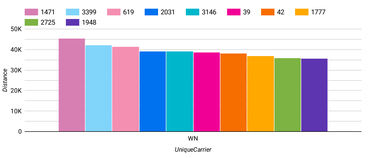
Combining OLAP 1: Comparing the total flight delays of all flights arriving in 'ABE' versus 'DEN' in the month of June.



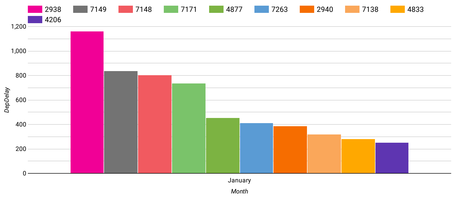
Combining OLAP 2: Comparing the total flight delays of all flights arriving in 'ABE' versus 'DEN' for unique carrier 'XE' in June versus July.



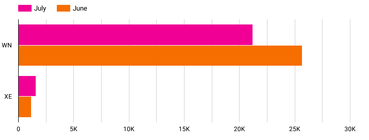
Dice 2: Return the distance for all flights during February associated with the unique carrier 'WN'.



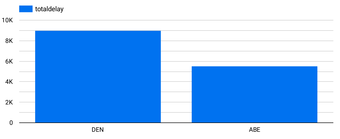
Dice 1: Return the departure delay for all flights during January that originate from airport code 'ABE'.



Combining OLAP 3: Compare the total flight delays of all flights arriving in 'ABE' versus 'DEN' for unique carrier 'WN' versus unique carrier 'XE' in the month of June versus the month of July.



Combining OLAP 4: Compare the total flight delays of all flights arriving in 'ABE' to that arriving in 'DEN', for the unique carrier 'XE'.



Window Clause: Compare the flight time of flights (including attributes such as CRS elapsed time, actual elapsed time and air time) over the first 3 months of the year 2008