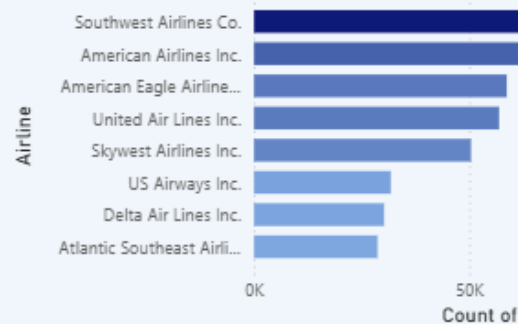


WEEK – 7

Airline analysis

Top airlines by no of flights

Count of Airline 0.00M 0.12M

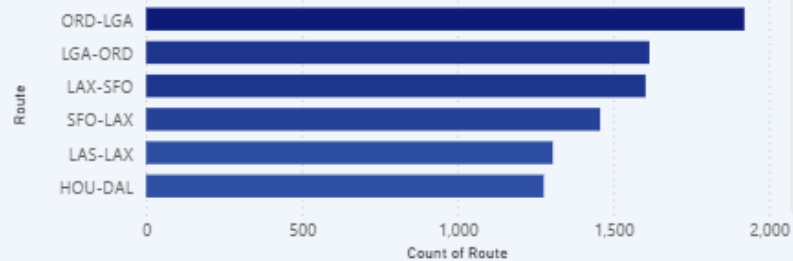


Filter by Airline

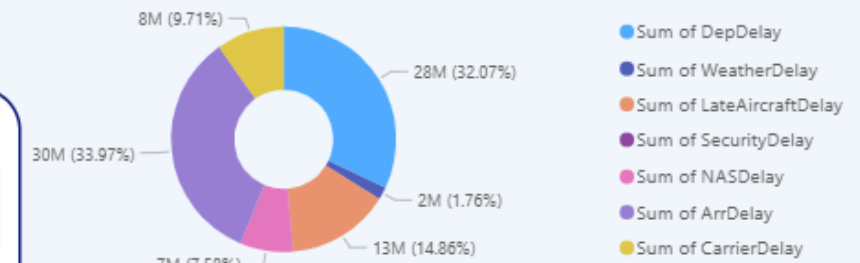
- Airline
- ☐ Alaska Airlines Inc.
 - ☐ American Airlines Inc.
 - ☐ American Eagle Airlines Inc.
 - ☐ Atlantic Southeast Airlines
 - ☐ Delta Air Lines Inc.

Top routes

Count of Route 0.00K 1.92K

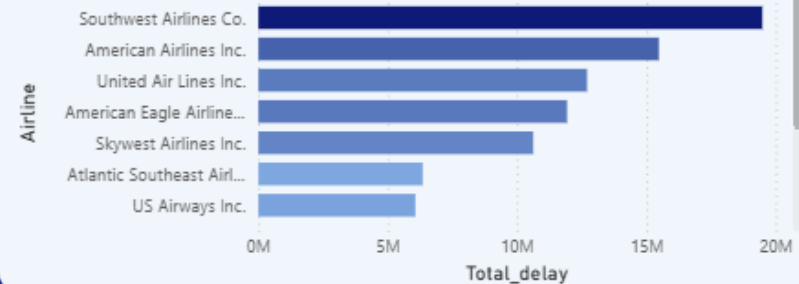


Overall proportion of delay causes



Total_delay by Airline

Count of Airline 0.00M 0.12M



DELAY ANALYSIS

485K

TOT_flights

60.91

Average of ArrDelay

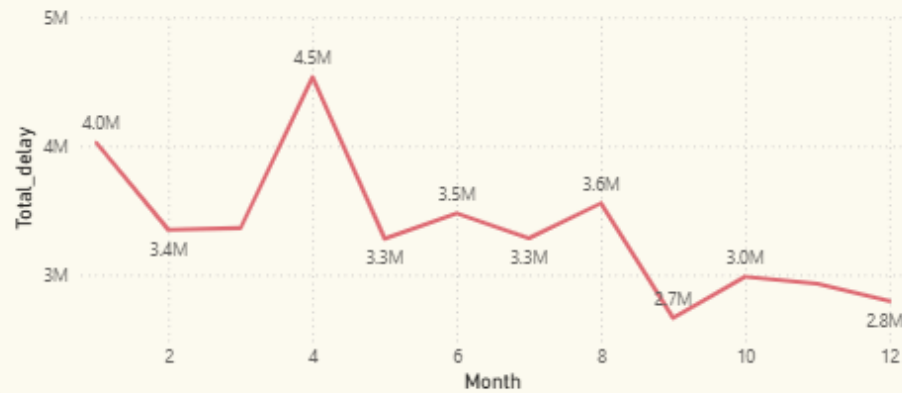
57.50

Average of DepDelay

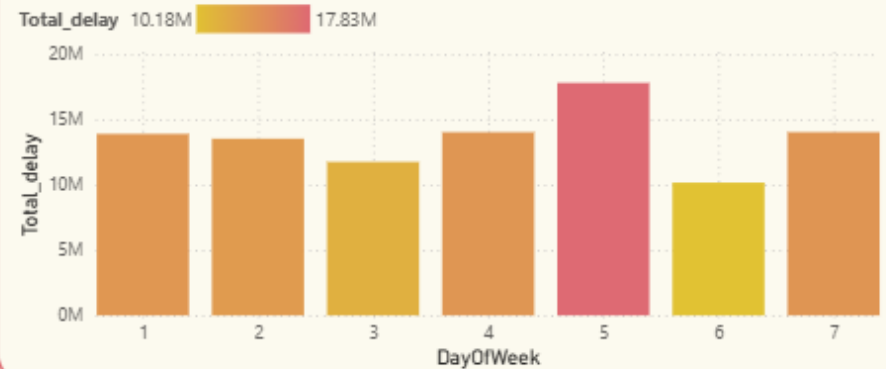
specific Delays for top 10 most delayed airlines

Airline	Sum of CarrierDelay	Sum of ArrDelay	Sum of SecurityDelay	Sum of WeatherDe
Alaska Airlines Inc.	213970	575576	2583	11
American Airlines Inc.	1465736	4801746	2197	211
American Eagle Airlines Inc.	989652	3772945	521	258
Atlantic Southeast Airlines	963694	1812756	1972	330
Delta Air Lines Inc.	600519	1791817	739	70
JetBlue Airways	213946	1119565	539	11
Skywest Airlines Inc.	1012037	3284415	7795	198
Southwest Airlines Co.	1225101	6075370	15806	268
Total	8255473	29054377	39287	1520

Average Delay over Time(Months)

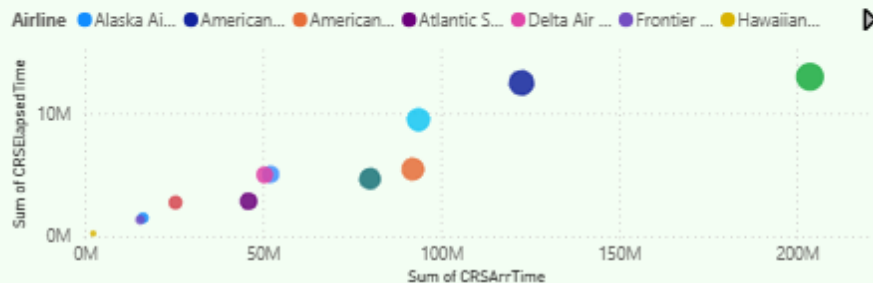


Total_delay by DayOfWeek

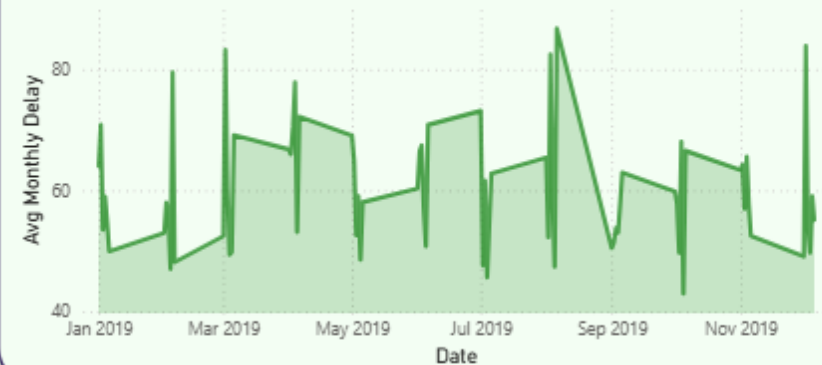


Delay Behavior Analysis

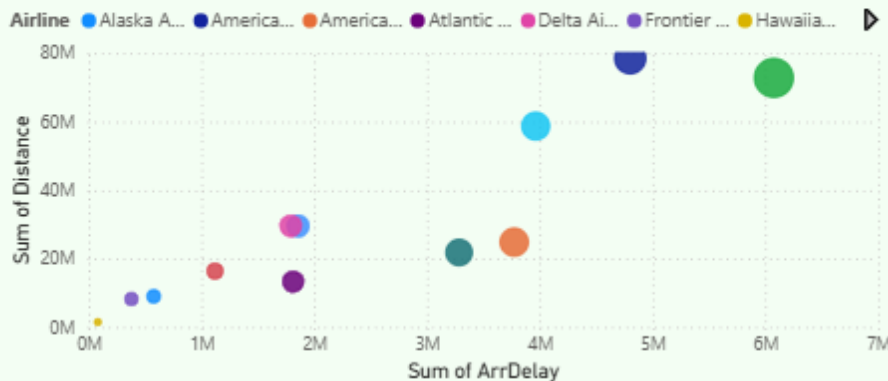
CRSArrTime vs CRSElapsedTime vs Total_delay by Airline



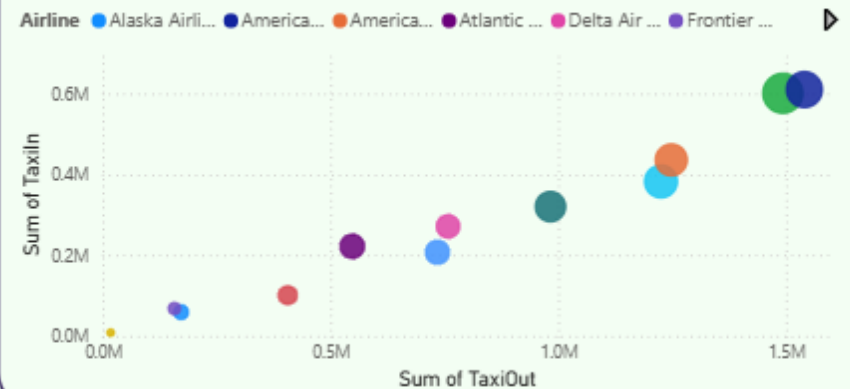
Delay Trends by Month/Quarter Across Years



Distance vs Delay

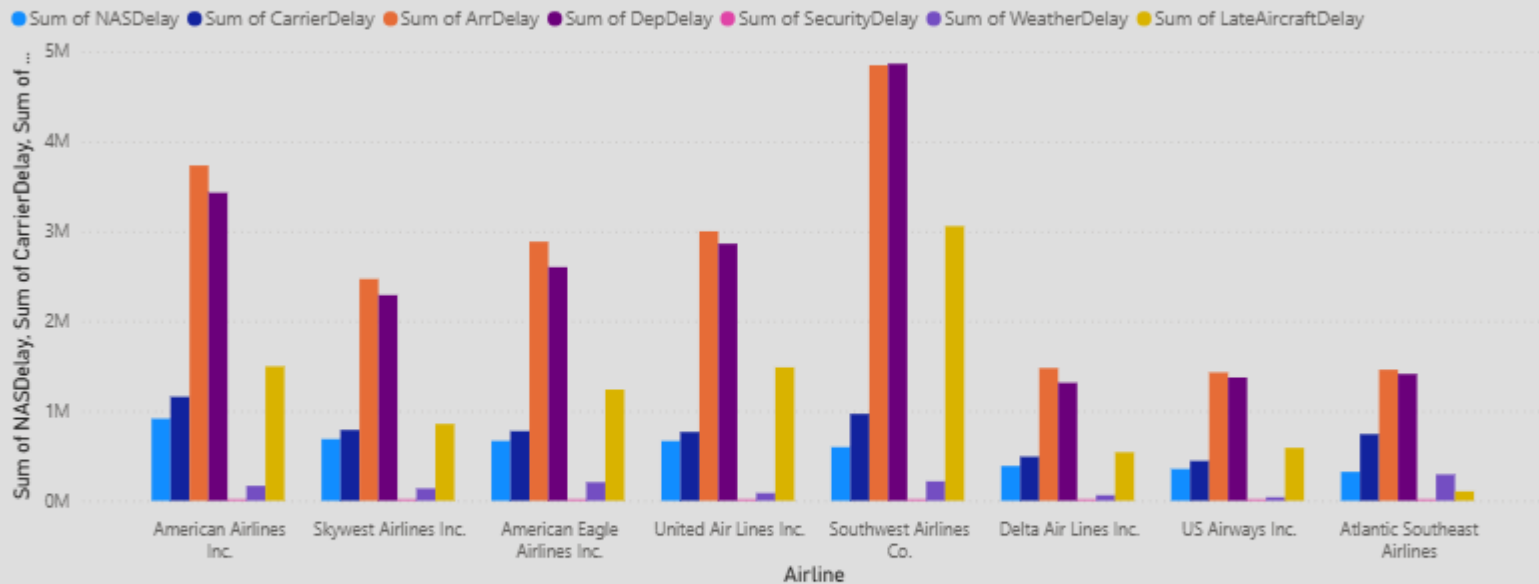


TaxiOut vs TaxiIn vs Total Delay



Interactive dashboard for delay analysis for top delayed airlines

Different delays in top 8 most delayed airports



DayOfWeek

2

7

Month

1

9