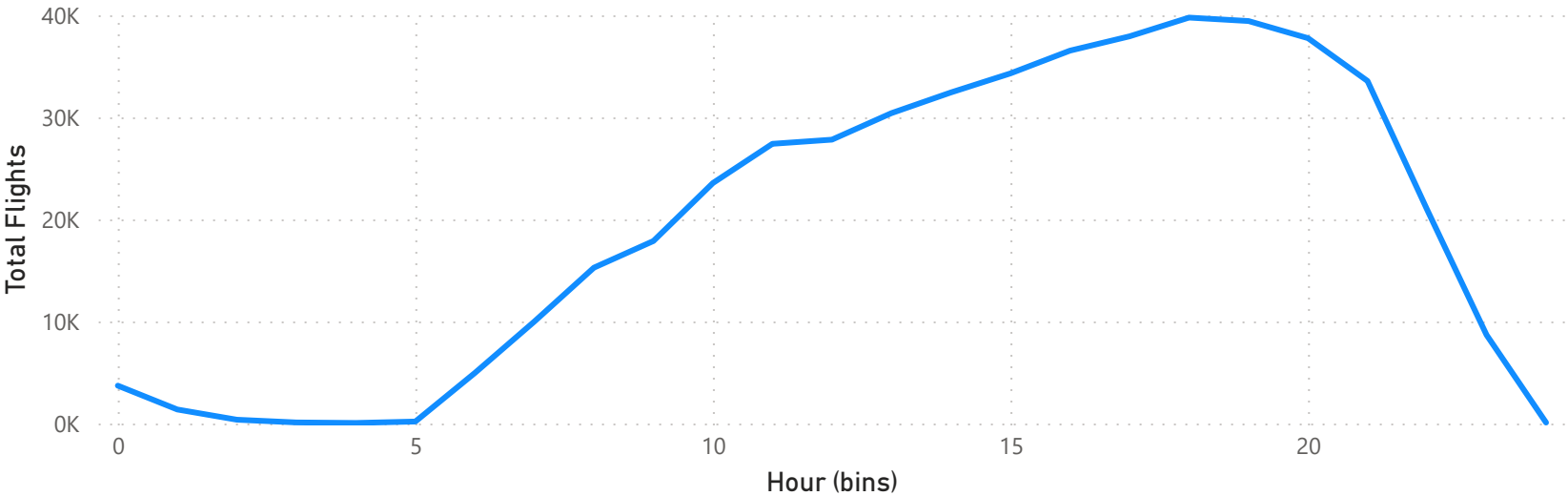


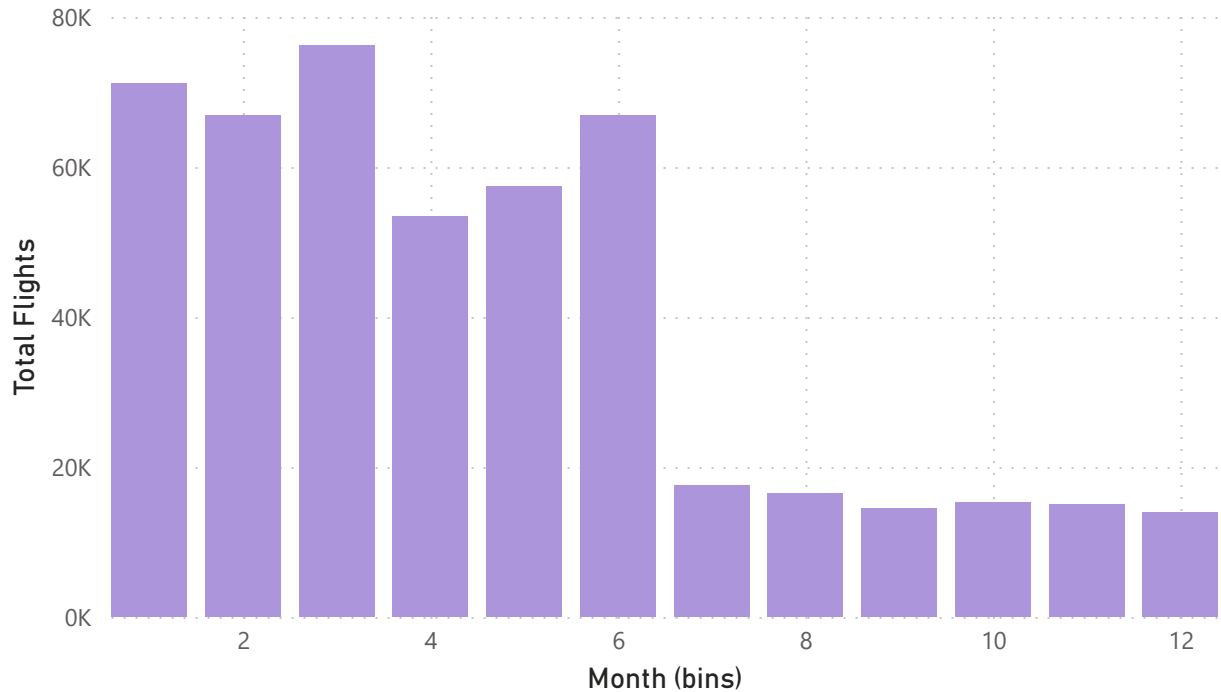
Dashboard A — Overview (Quick operational snapshot)



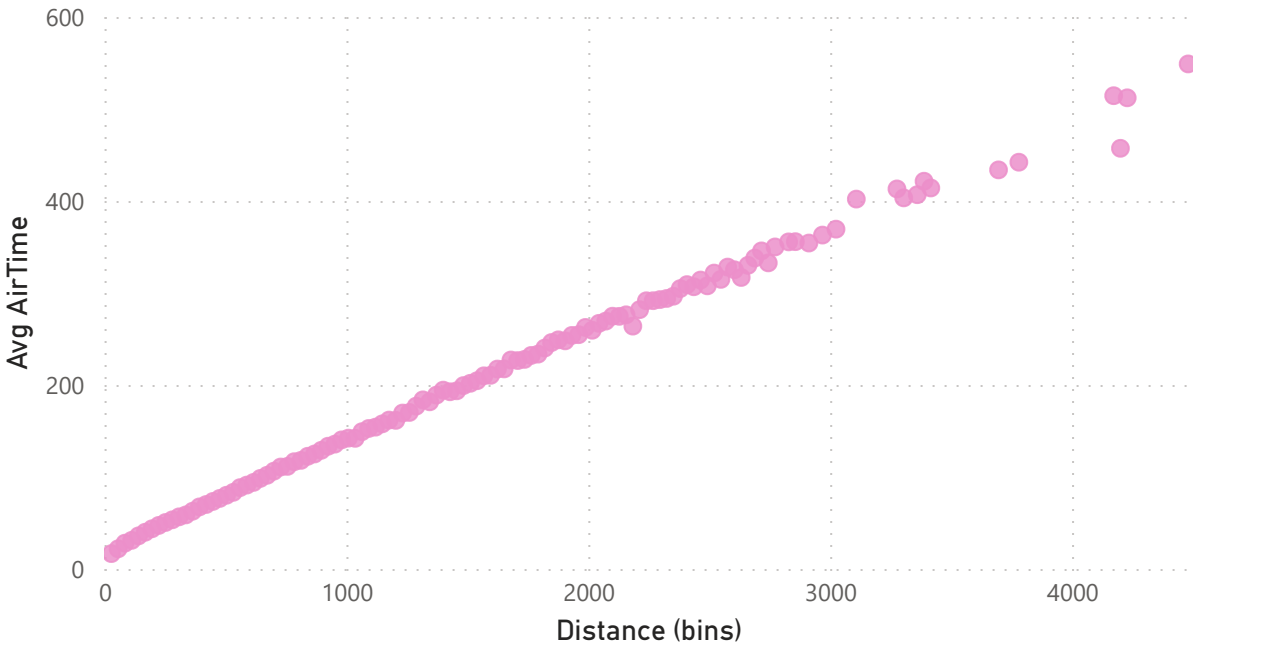
Total Flights by Hour (bins)



Total Flights by Month (bins)

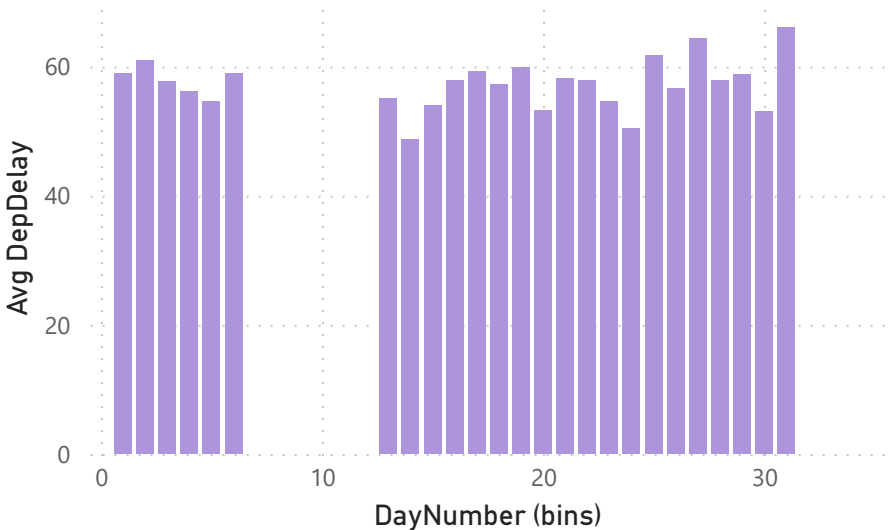


Avg AirTime by Distance (bins)

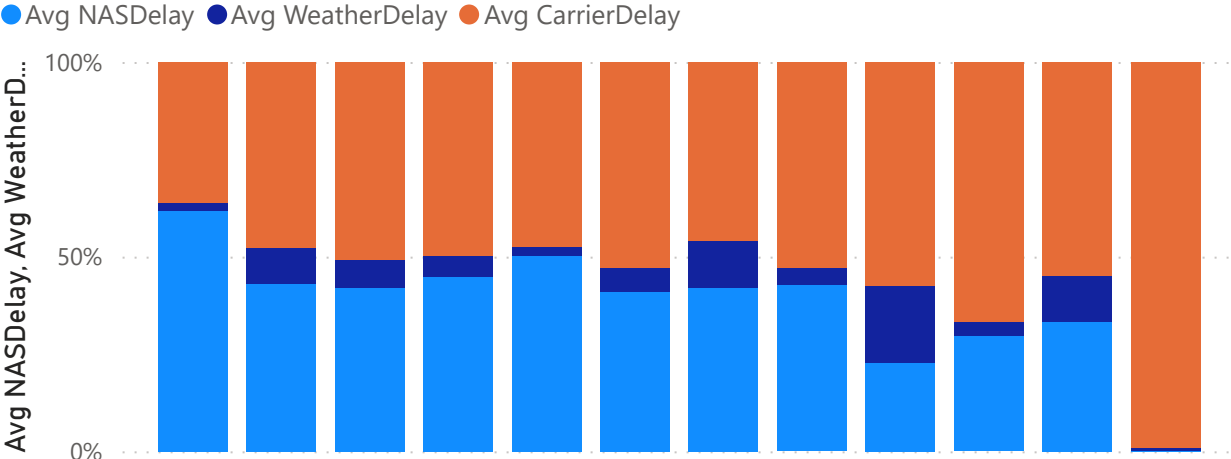


Dashboard B — Delay Analysis (where delays originate)

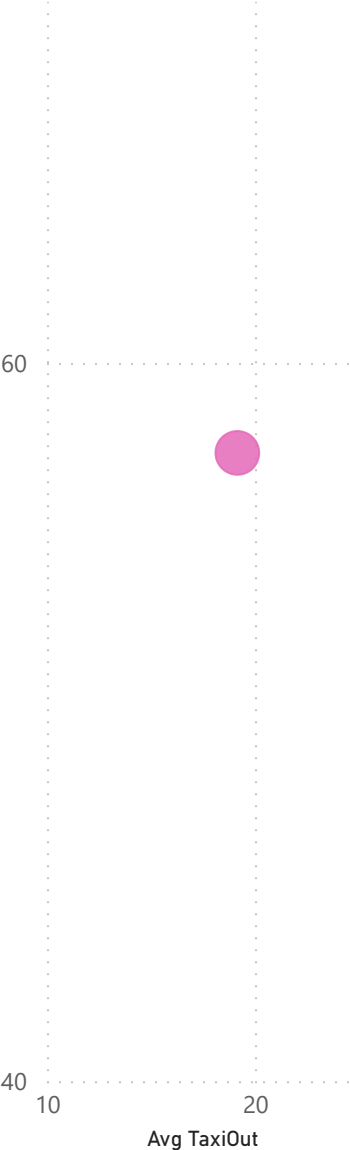
Avg DepDelay by DayNumber (bins)



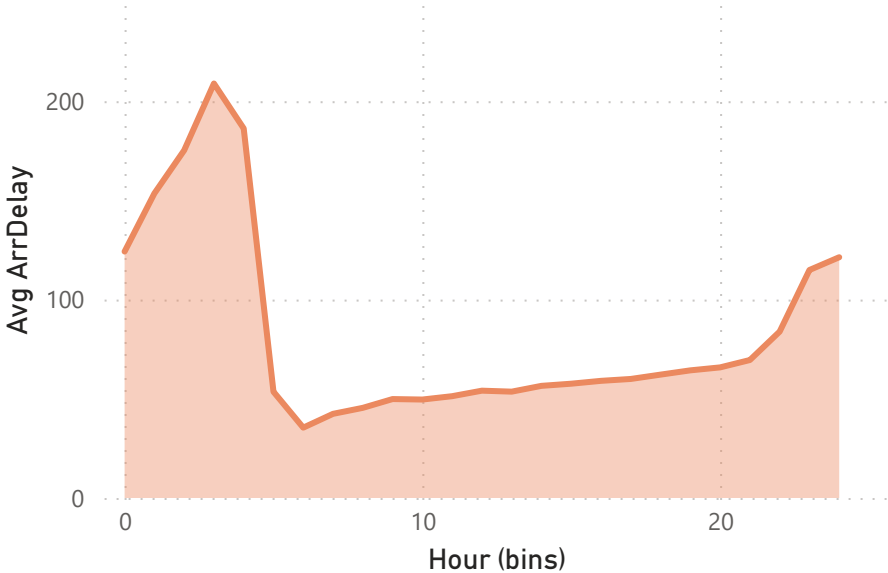
Avg NASDelay, Avg WeatherDelay and Avg CarrierDelay by UniqueCarrier



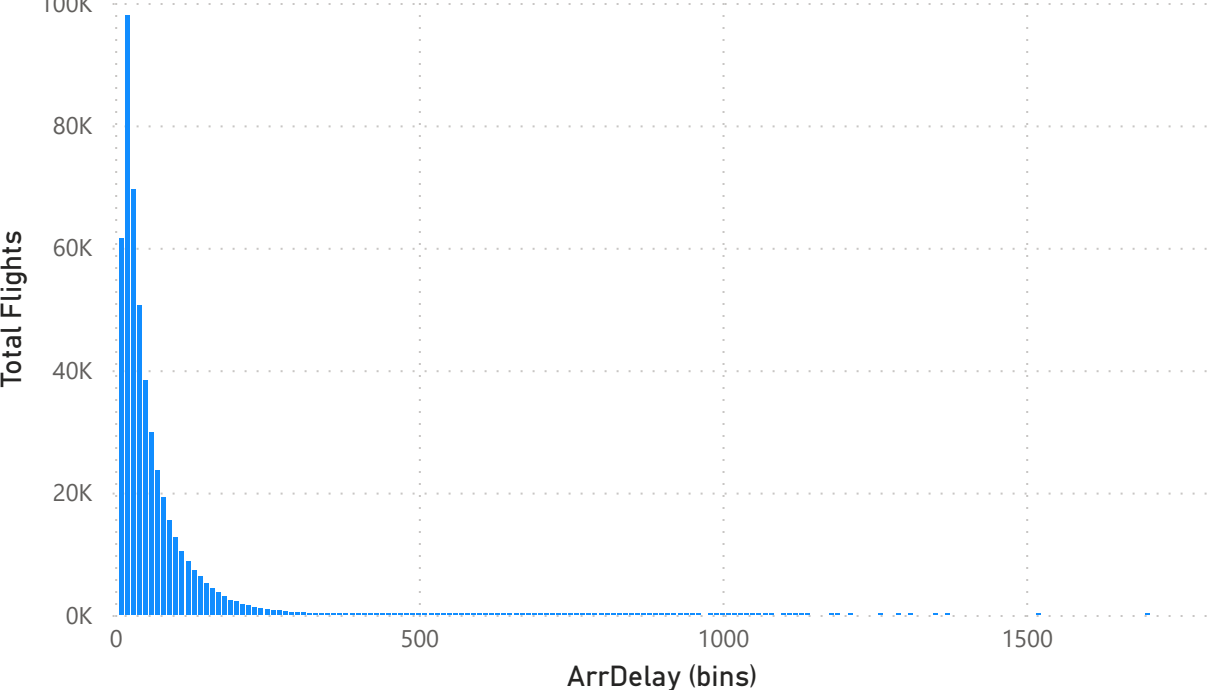
Avg TaxiOut, Avg DepDelay and Total Flights



Avg ArrDelay by Hour (bins)

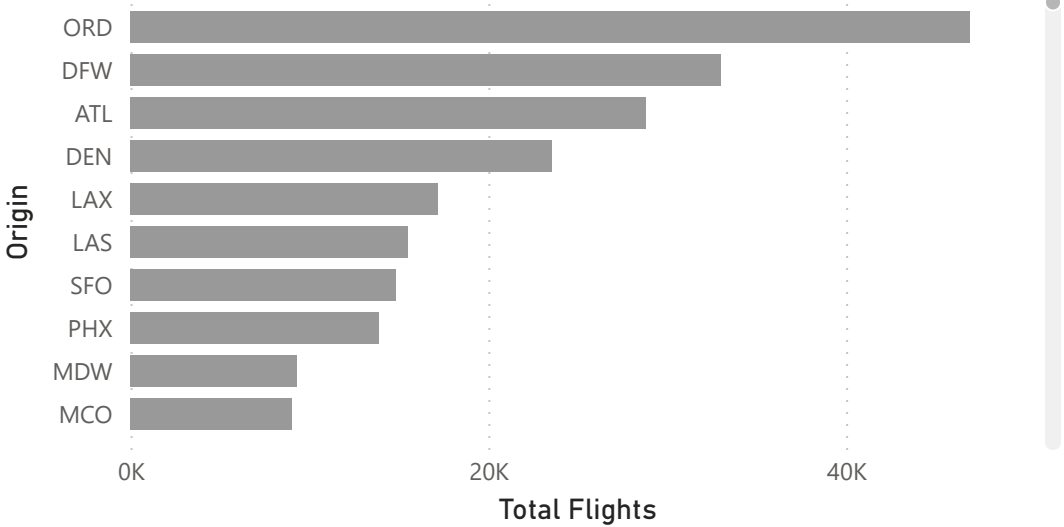


Total Flights by ArrDelay (bins)

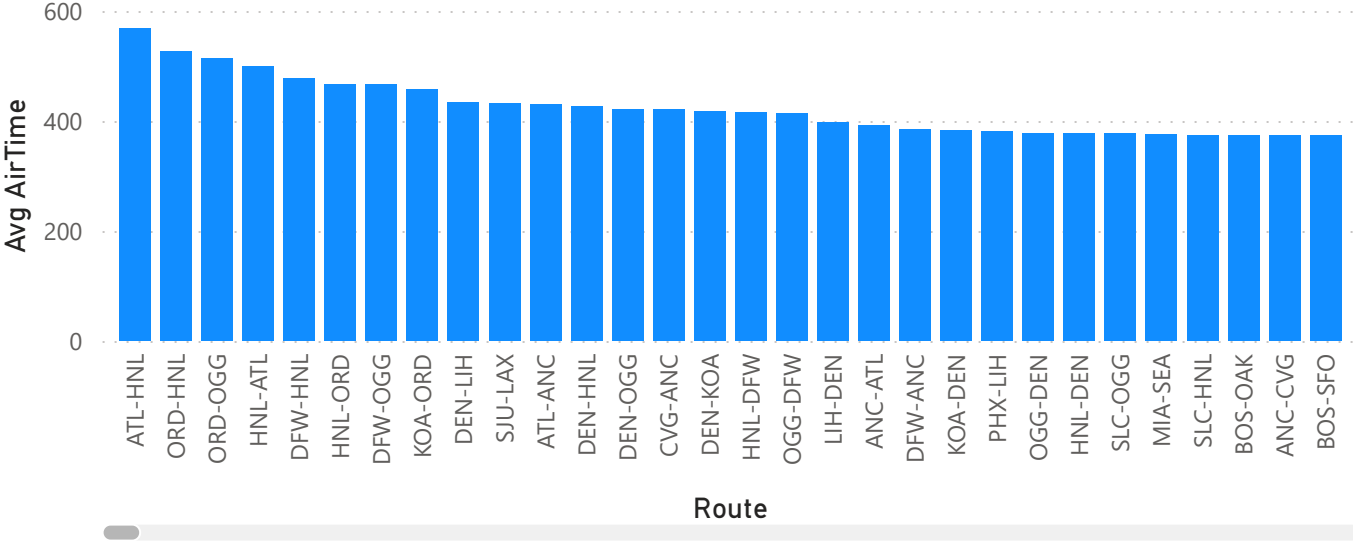


Dashboard C — Route & Airport-level (performance per route/airport)

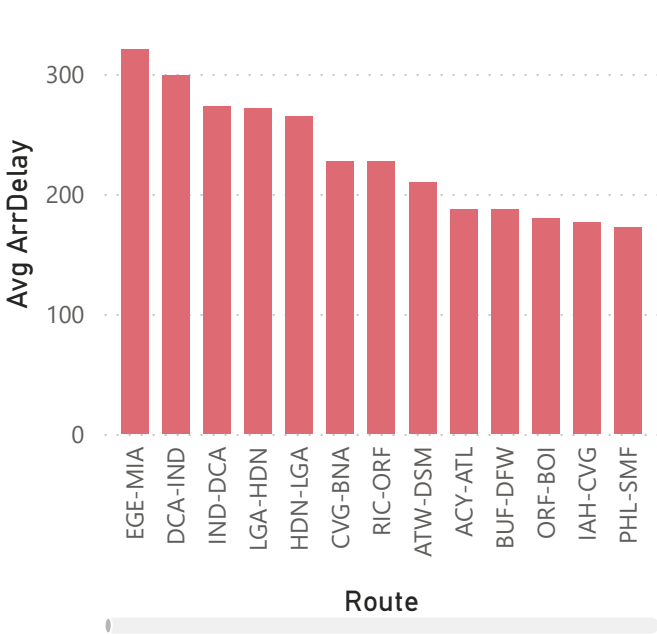
Total Flights by Origin



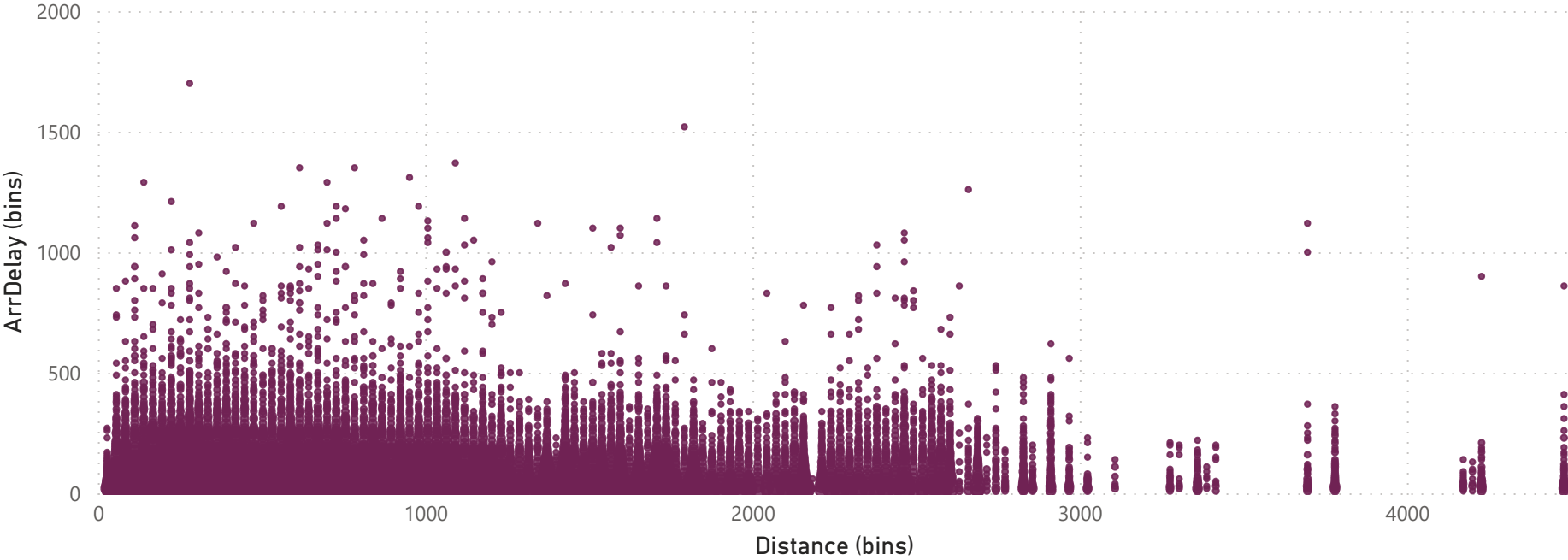
Avg AirTime by Route



Avg ArrDelay by Route

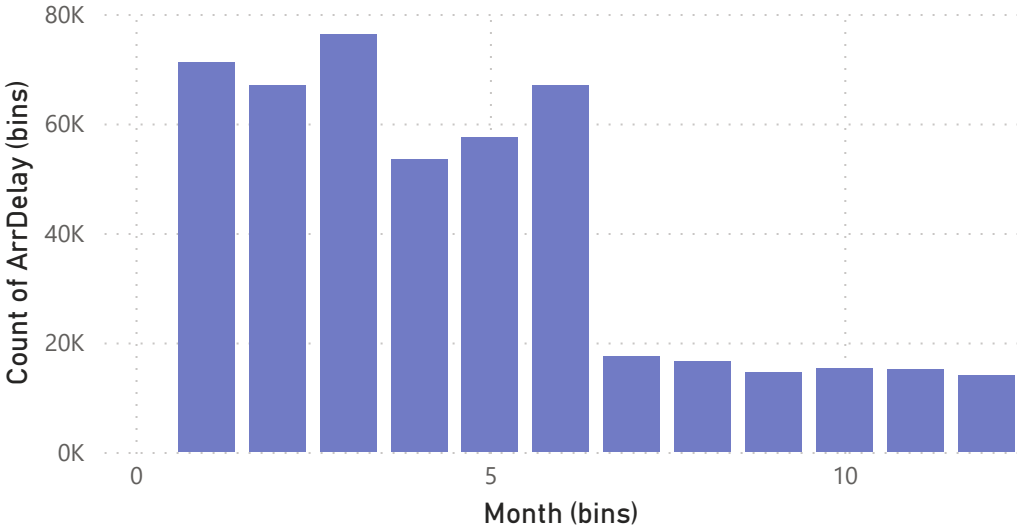


Total Flights by Distance (bins) and ArrDelay (bins)

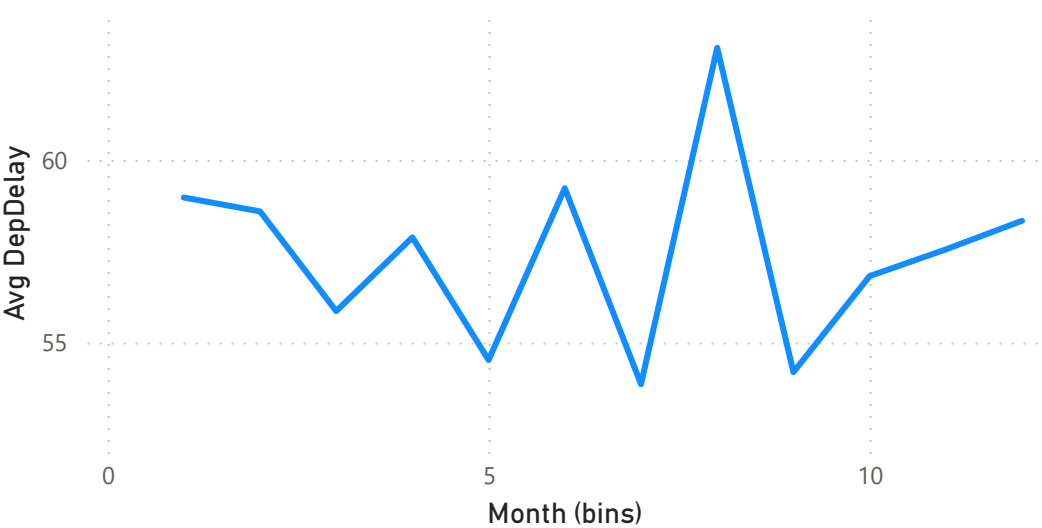


Dashboard D – Seasonal & Temporal Trends

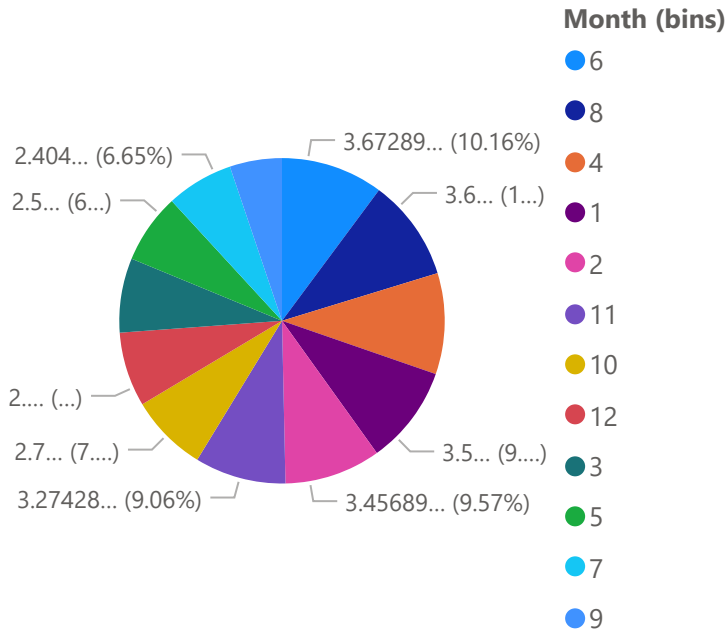
Count of ArrDelay (bins) by Month (bins)



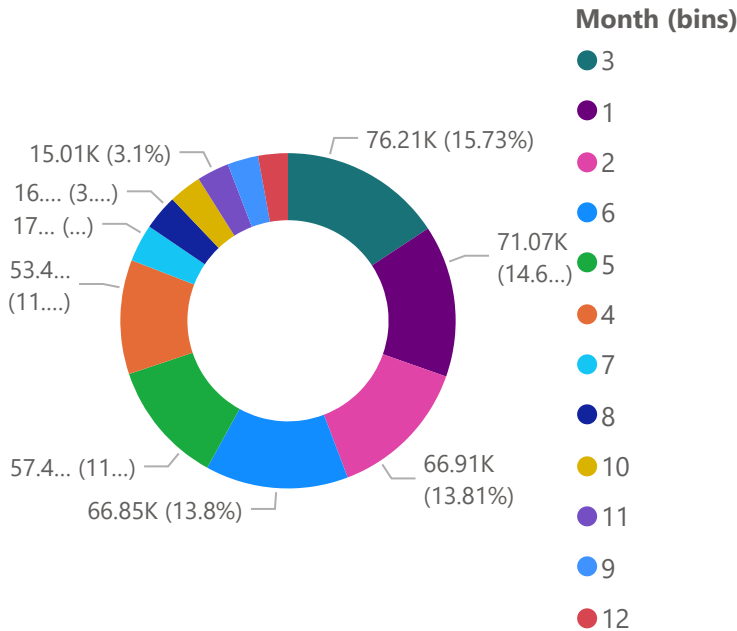
Avg DepDelay by Month (bins)



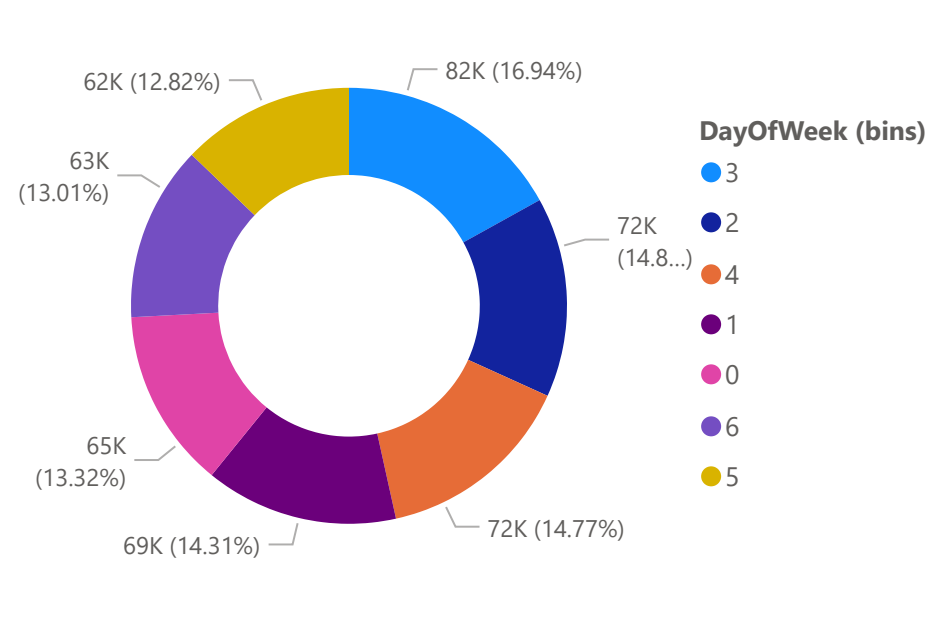
Avg WeatherDelay by Month (bins)



Count of Distance (bins) by Month (bins)

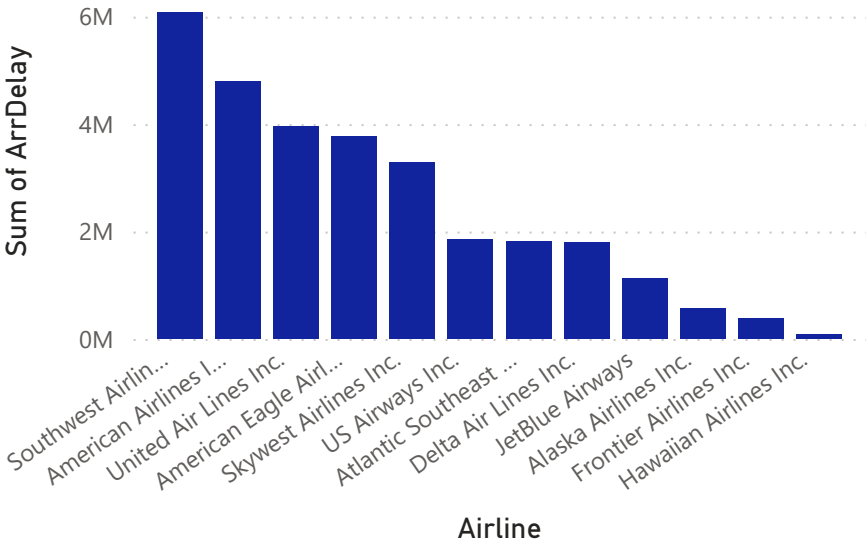


Total Flights by DayOfWeek (bins)

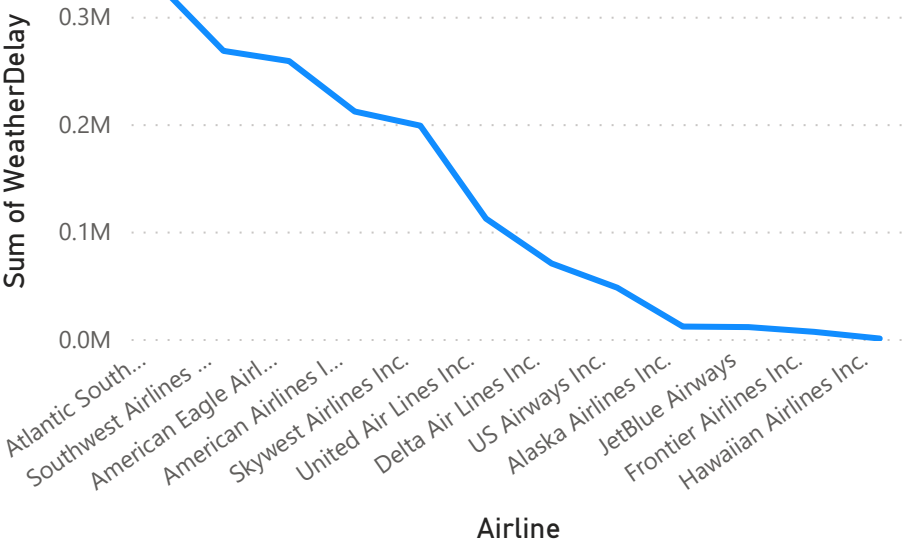


Dashboard E – Airline Performance Overview

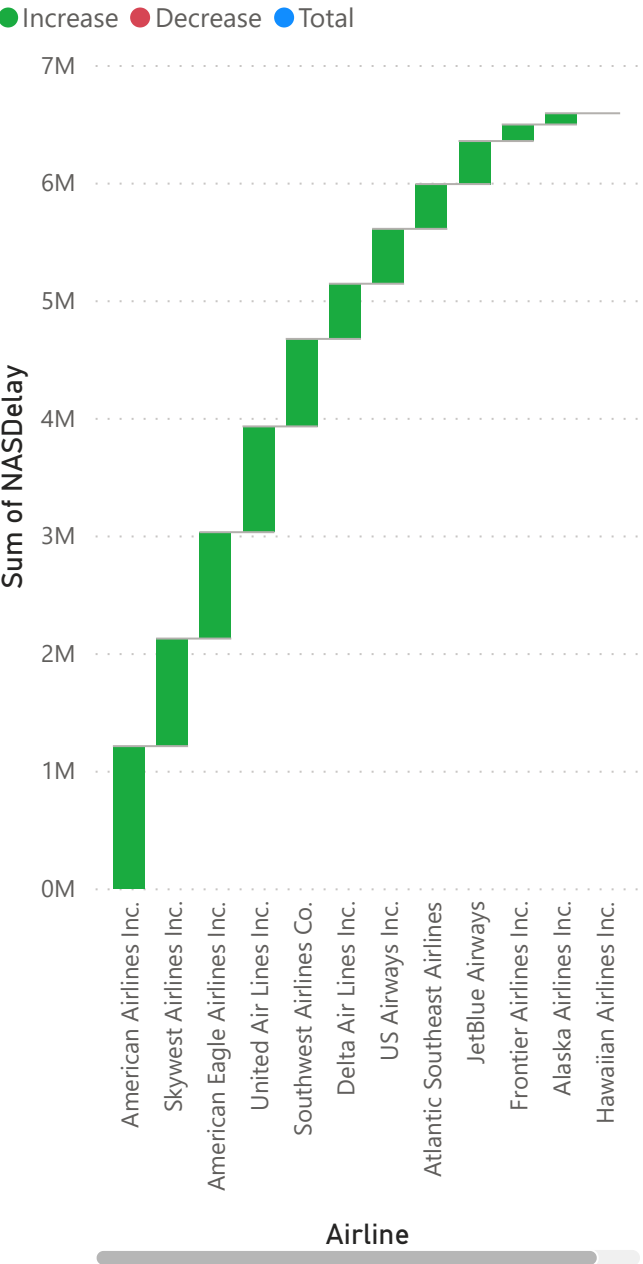
Sum of ArrDelay by Airline



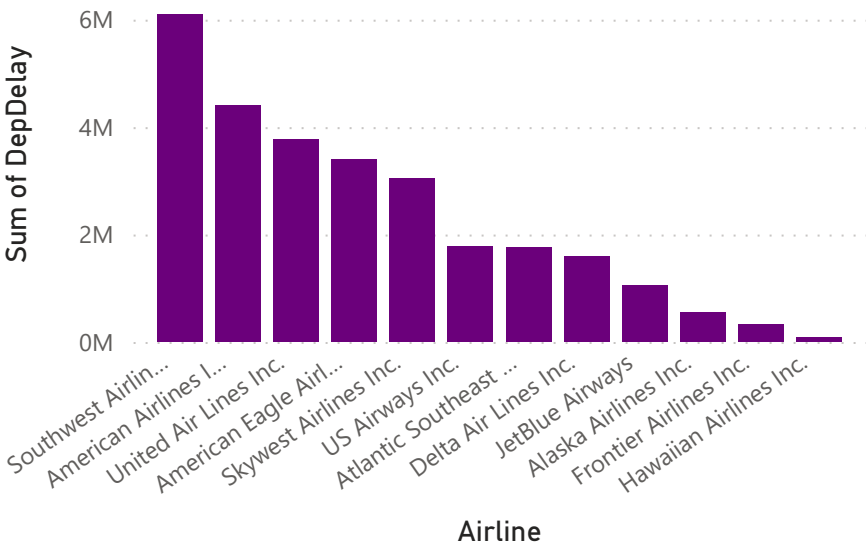
Sum of WeatherDelay by Airline



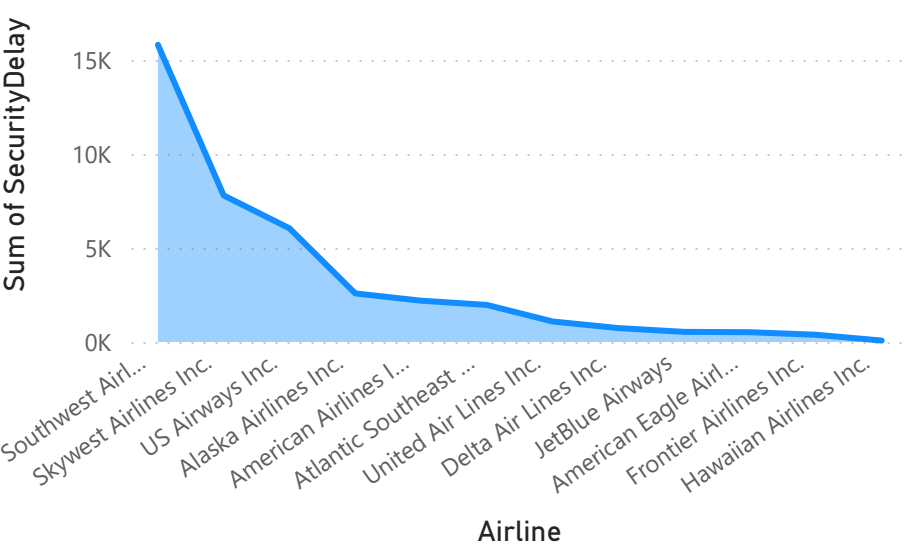
Sum of NASDelay by Airline



Sum of DepDelay by Airline

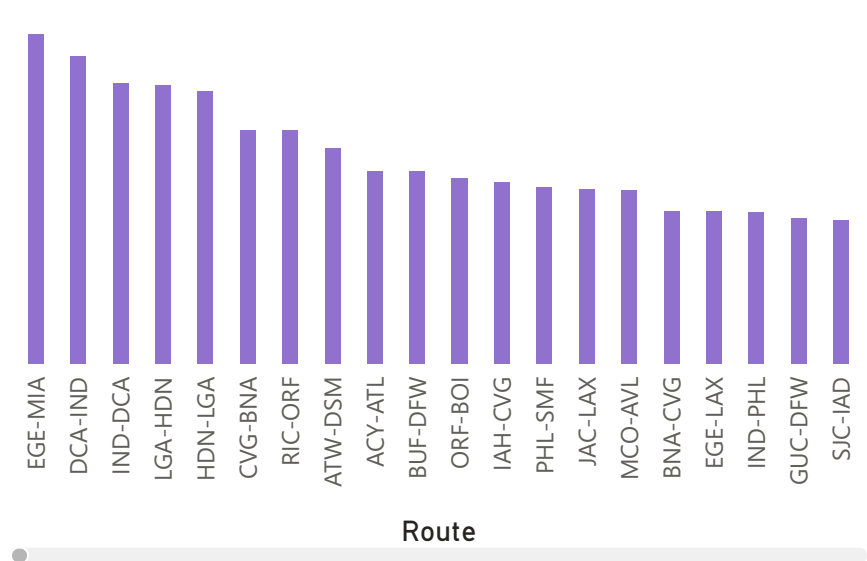


Sum of SecurityDelay by Airline

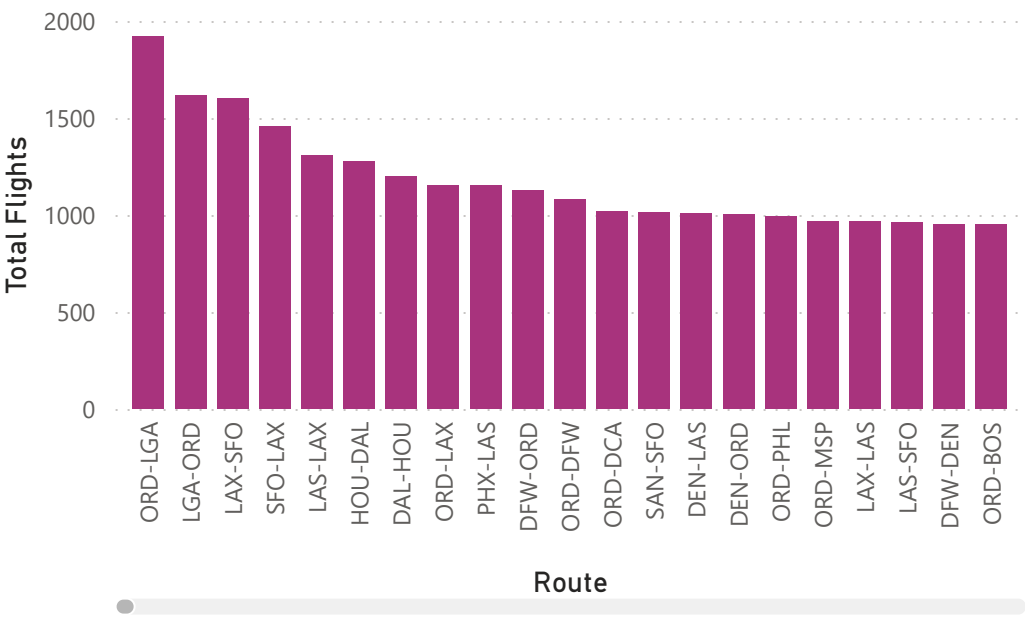


Dashboard F – Route & Airport Analysis

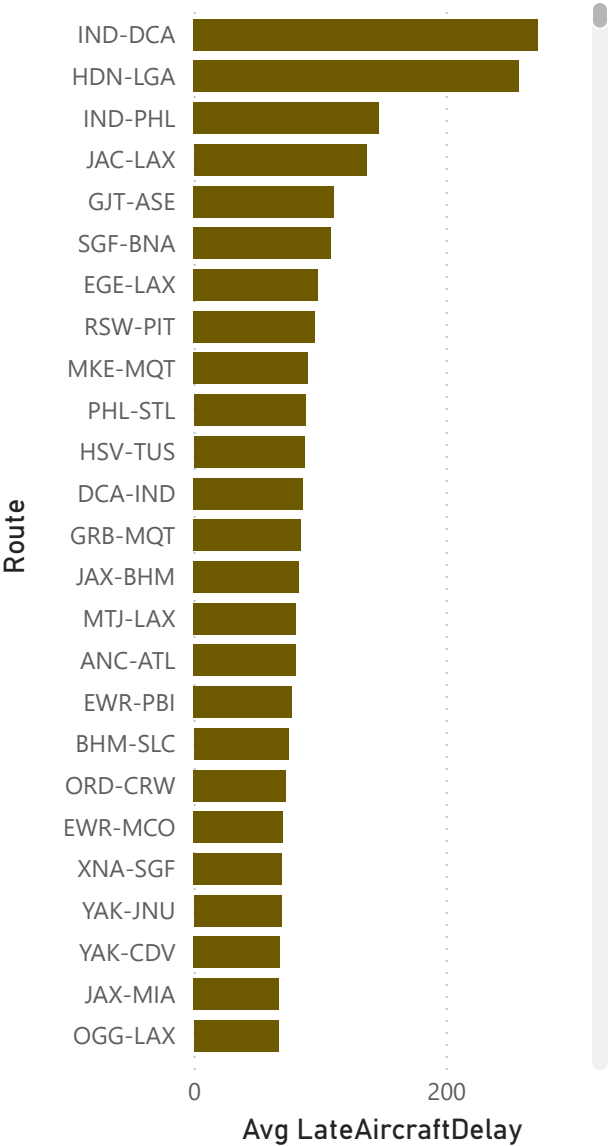
Avg ArrDelay by Route



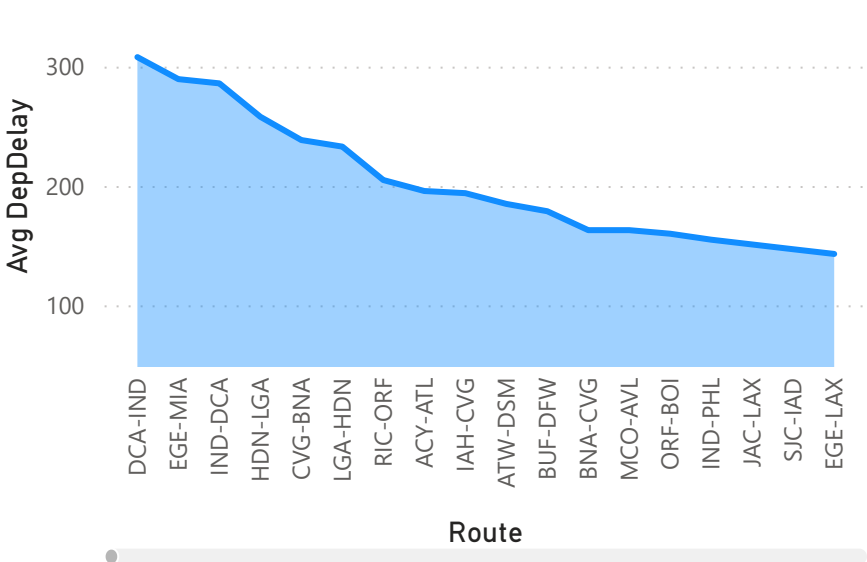
Total Flights by Route



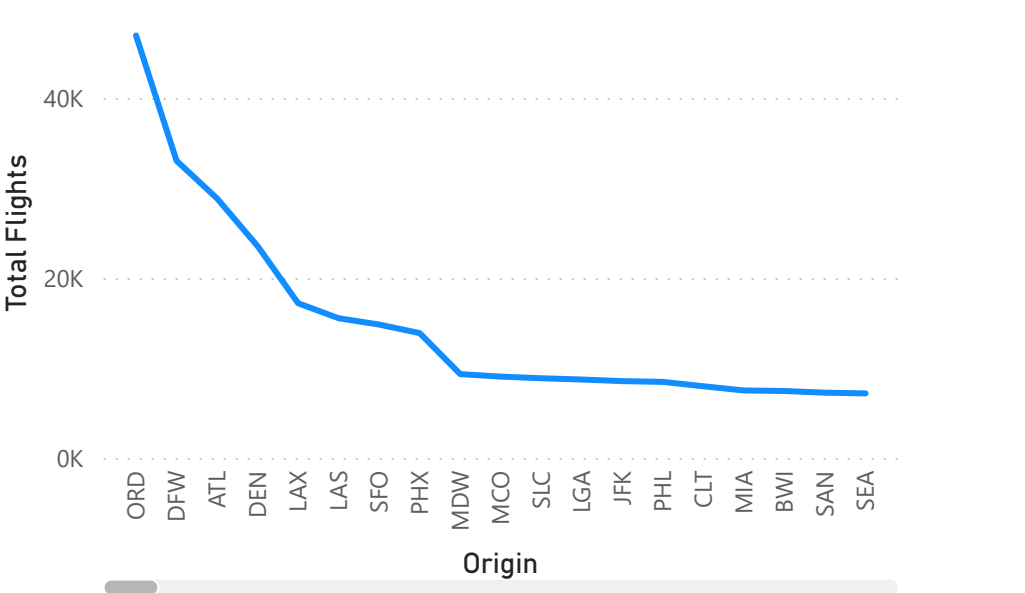
Avg LateAircraftDelay by Route



Avg DepDelay by Route

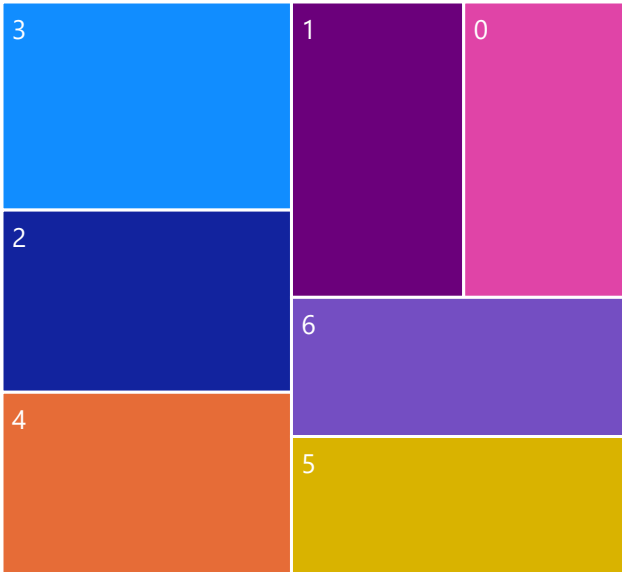


Total Flights by Origin



Dashboard G – Time-of-Day Operations

Total Flights by DayOfWeek (bins)

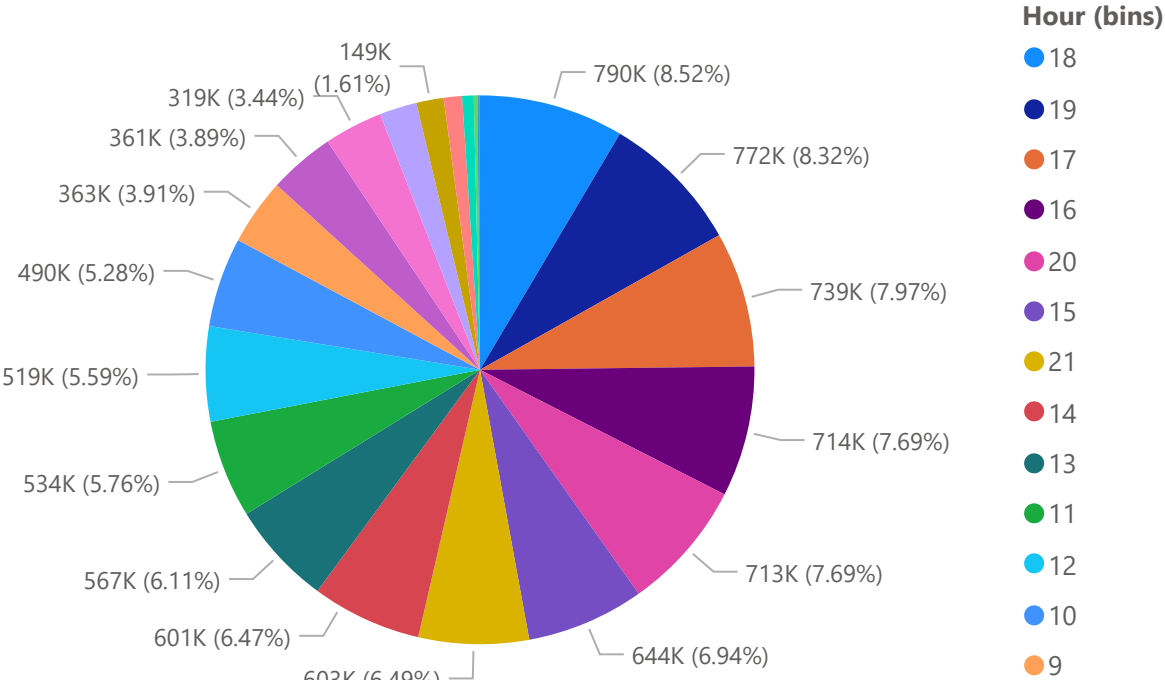
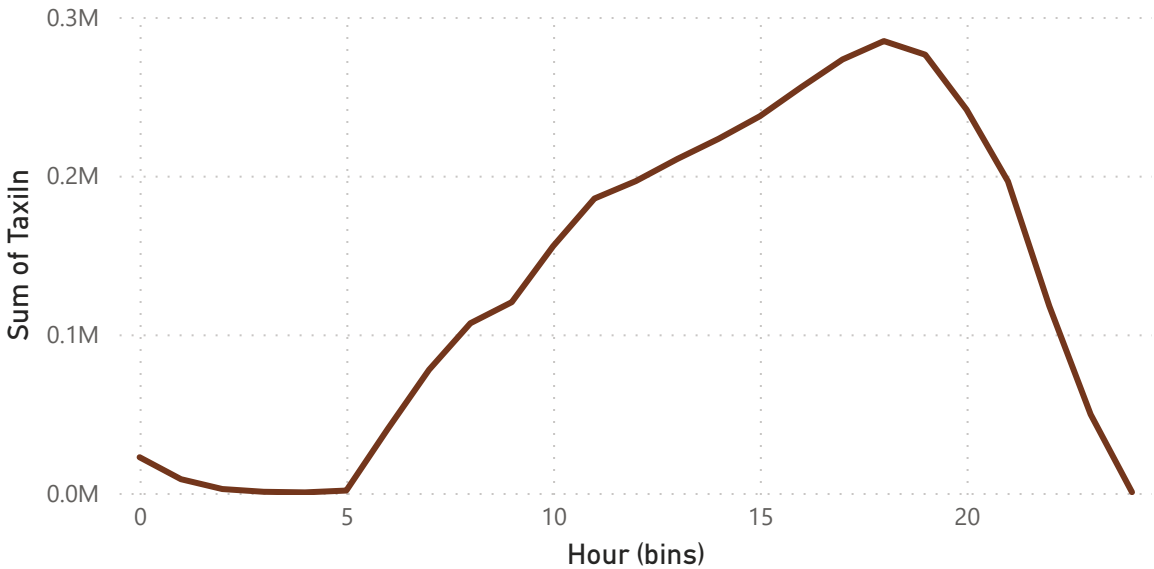


DayOfWeek (bins)	Avg DepDelay
0	59.69
1	57.99
2	56.40
3	57.39
4	55.29
5	58.77
6	57.37
Total	57.50

DayOfWeek (bins)	Avg ArrDelay
0	64.12
1	61.39
2	59.63
3	61.34
4	57.91
5	62.23
6	60.09
Total	60.91

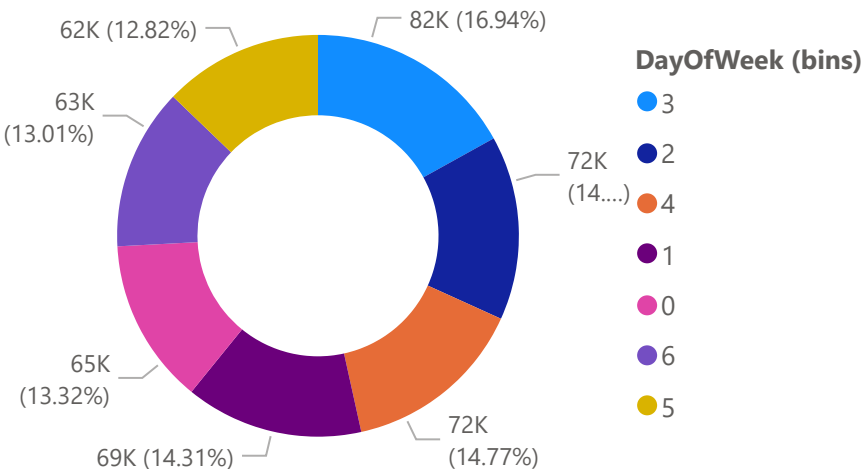
Sum of TaxiOut by Hour (bins)

Sum of Taxiln by Hour (bins)

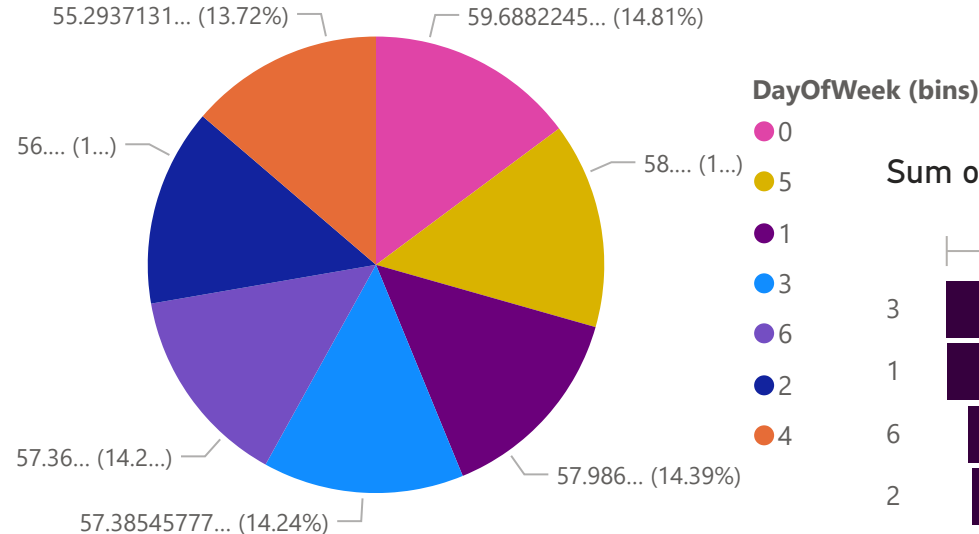


Dashboard H – Day & Month Trends

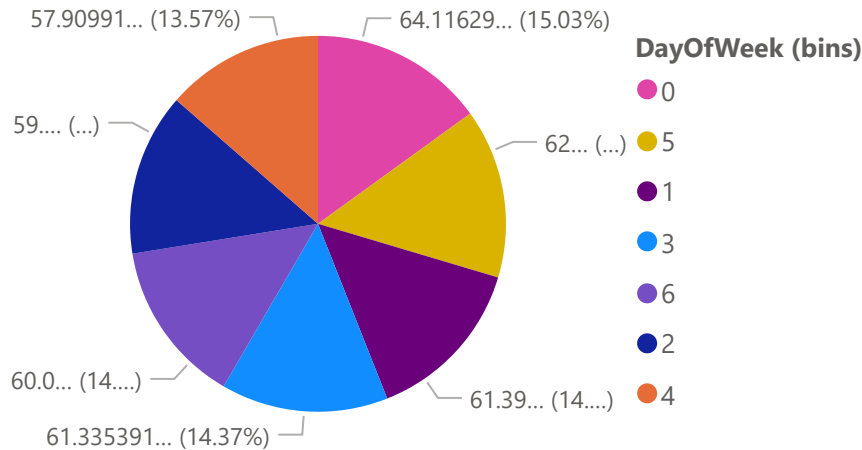
Total Flights by DayOfWeek (bins)



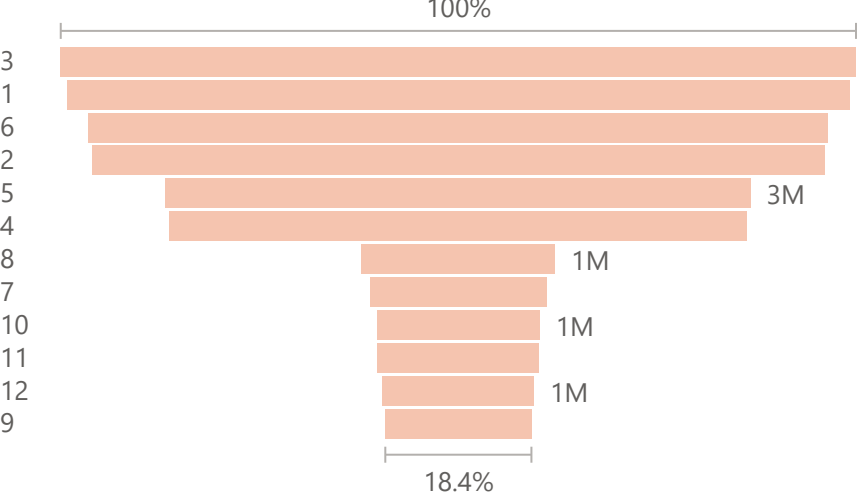
Avg DepDelay by DayOfWeek (bins)



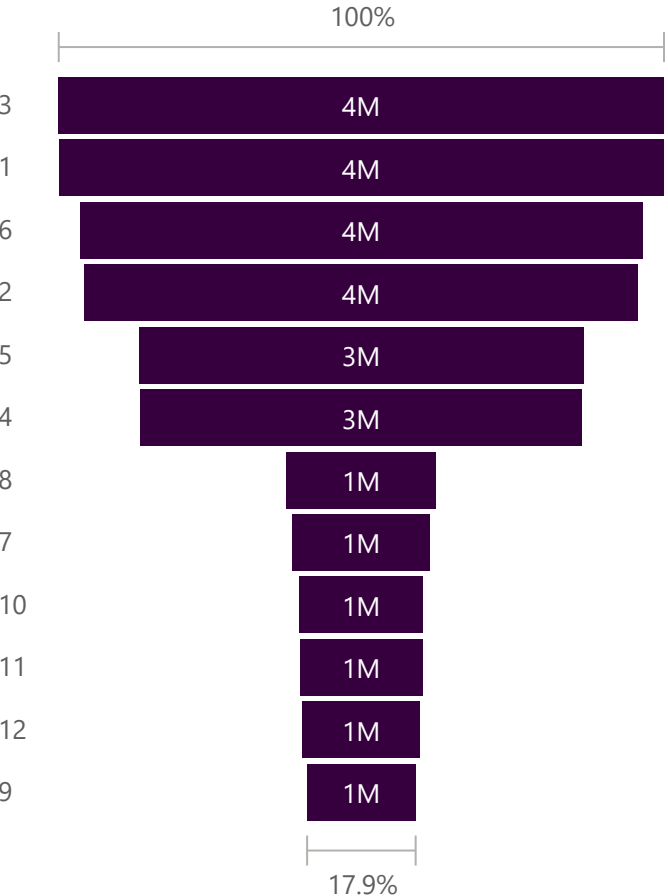
Avg ArrDelay by DayOfWeek (bins)



Sum of DepDelay by Month (bins)

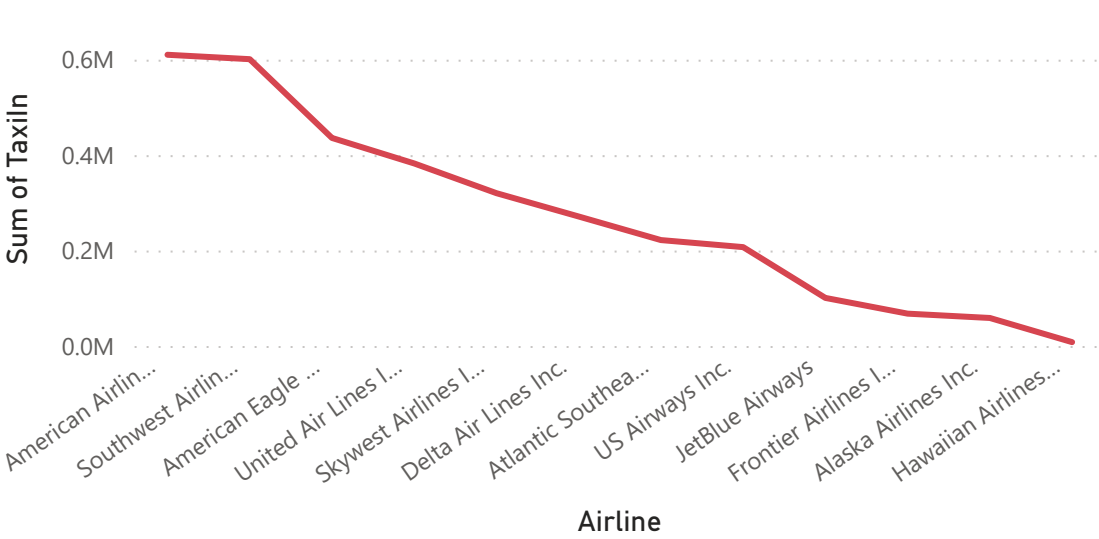


Sum of ArrDelay by Month (bins)

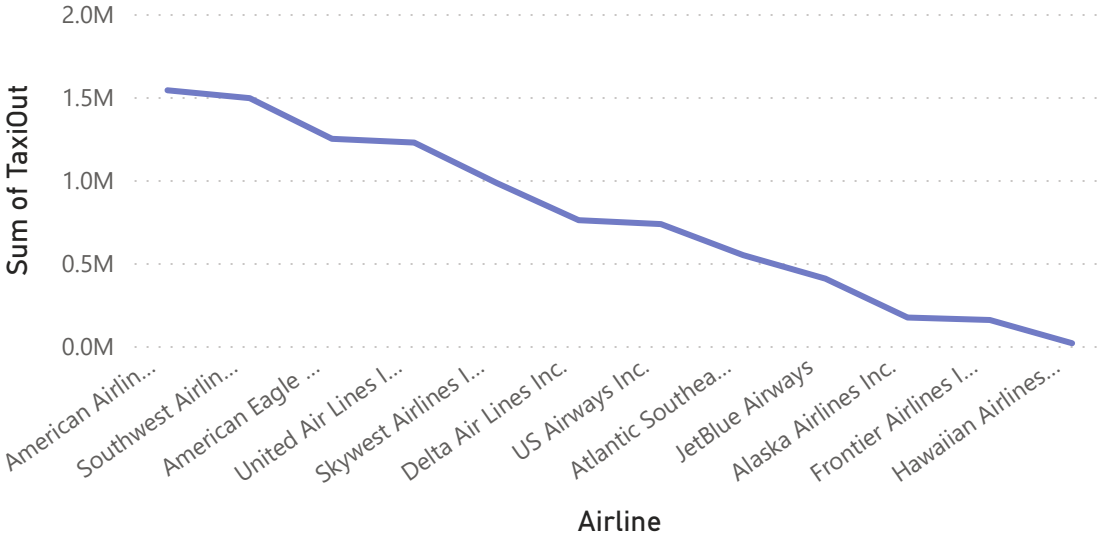


Dashboard I – Operational Efficiency

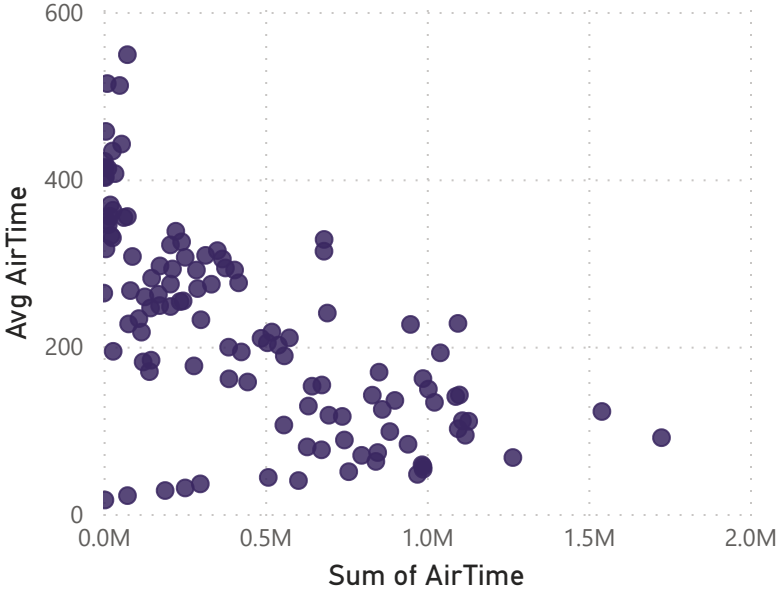
Sum of TaxiIn by Airline



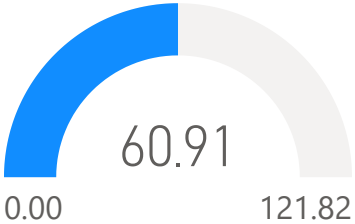
Sum of TaxiOut by Airline



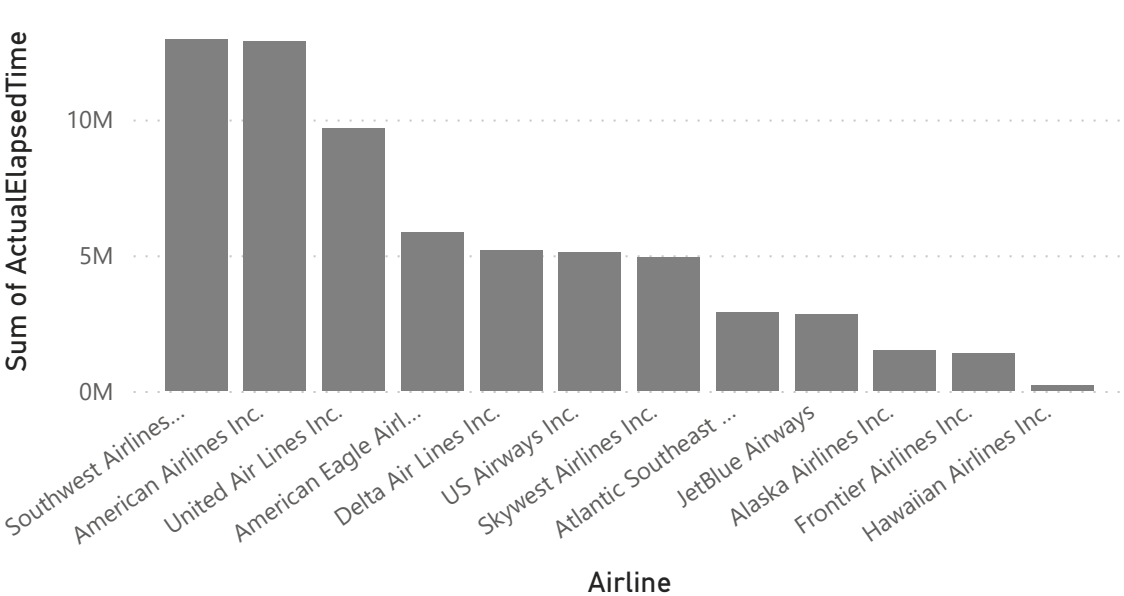
Sum of AirTime and Avg AirTime by Distance (bins)



Avg ArrDelay

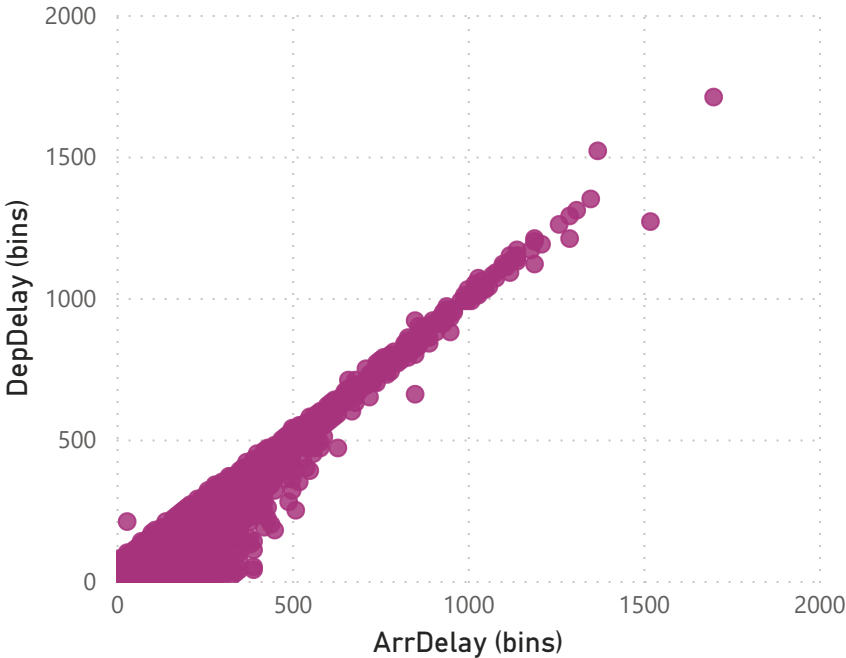


Sum of ActualElapsedTime by Airline

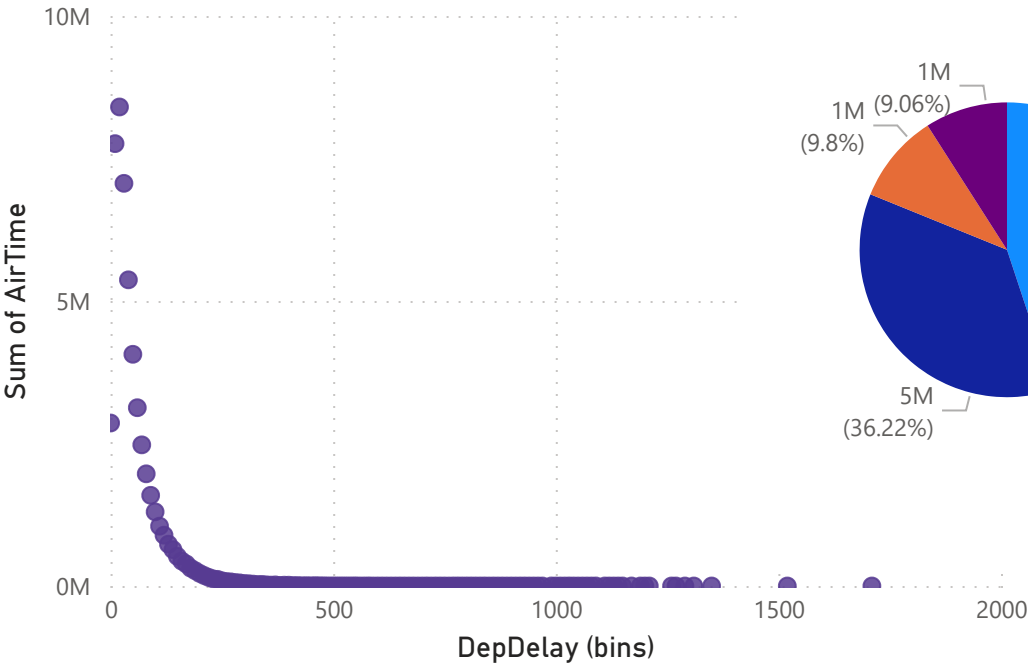


Dashboard J – Delay Correlations

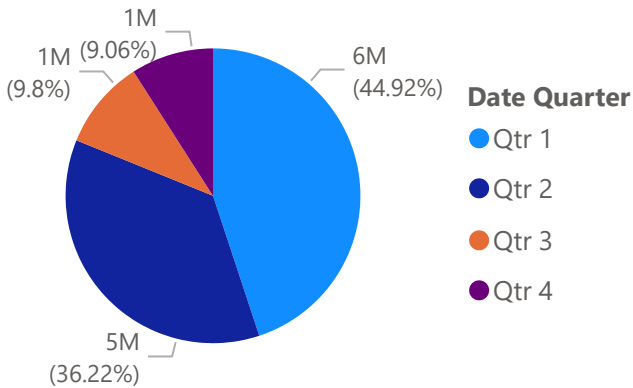
ArrDelay (bins) and DepDelay (bins)



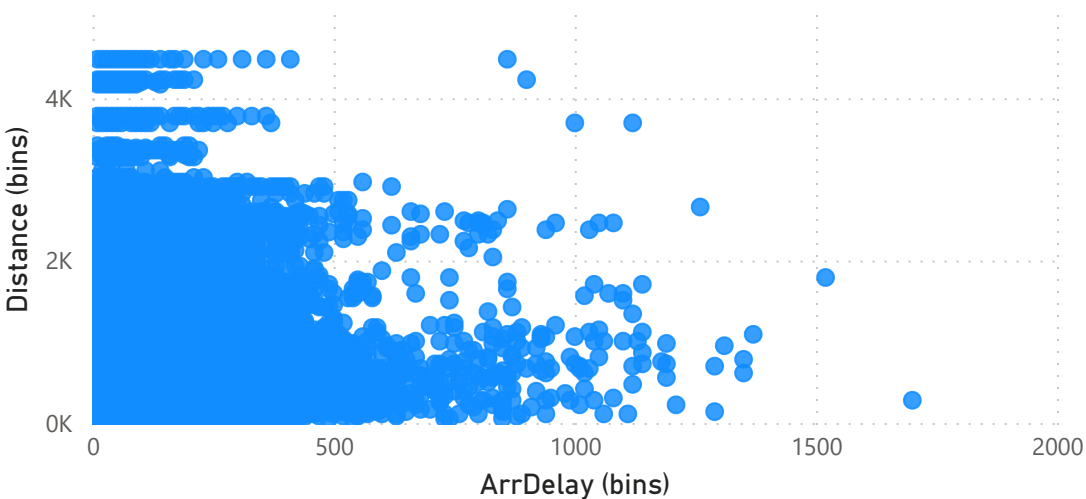
Sum of AirTime by DepDelay (bins)



Sum of LateAircraftDelay by Quarter



ArrDelay (bins) and Distance (bins)



Sum of WeatherDelay by Quarter

