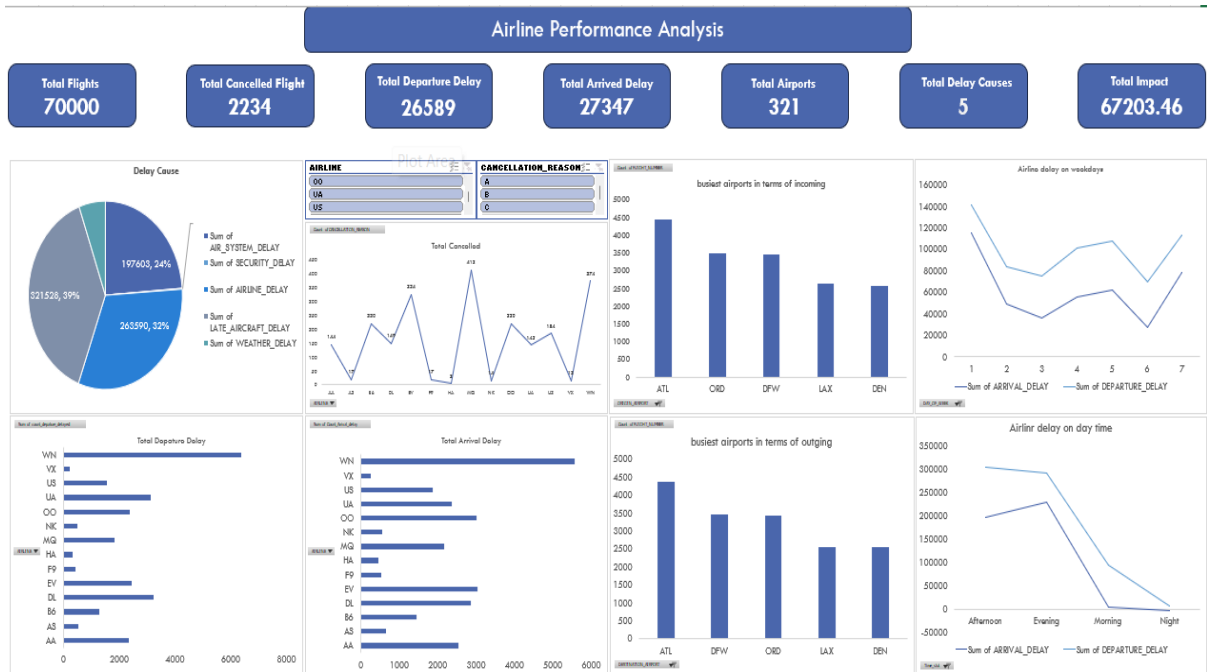


Sky Analytics Navigating the Complexities of Airline and Airport Operations

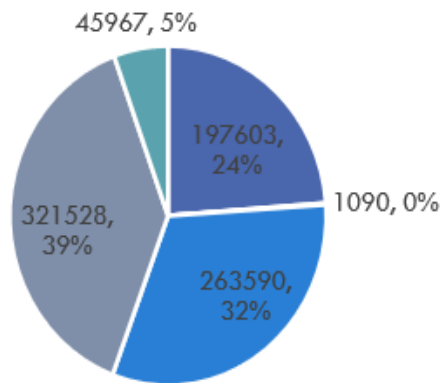


Sky Analytics: Airline and Airport Operations Dashboard



Chart Area

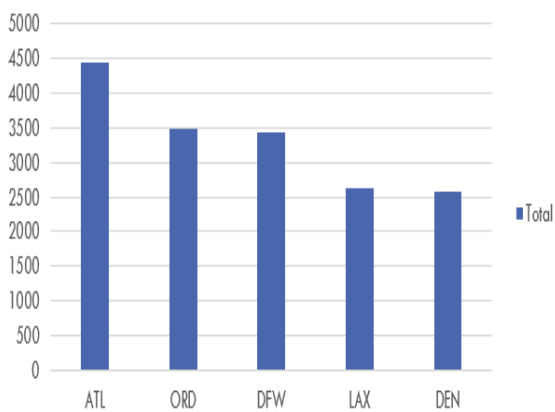
Total



- Sum of AIR_SYSTEM_DELAY
- Sum of AIRLINE_DELAY
- Sum of WEATHER_DELAY
- Sum of SECURITY_DELAY
- Sum of LATE_AIRCRAFT_DELAY

Count of FLIGHT_NUMBER

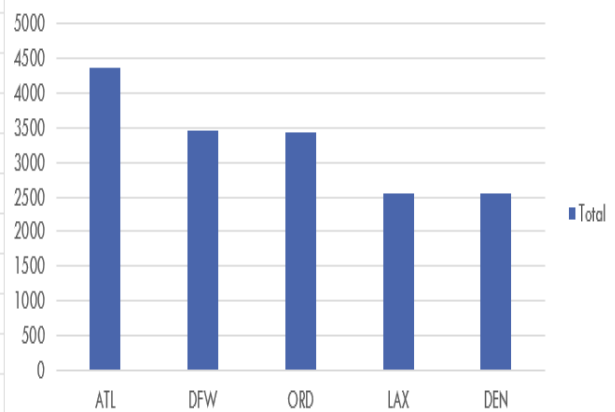
Total



ORIGIN_AIRPORT ▼

Count of FLIGHT_NUMBER

Total



DESTINATION_AIRPORT ▼

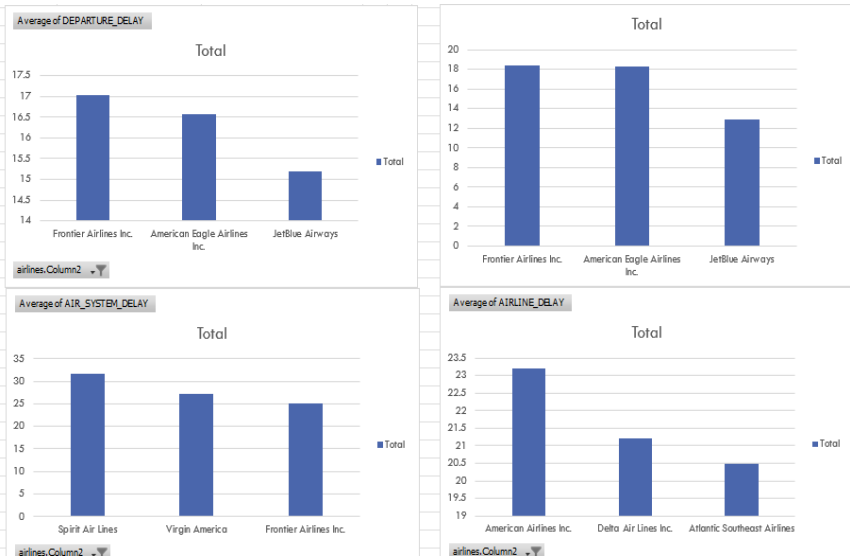
Airlines	Average of DEPARTURE_DELAY
Frontier Airlines Inc.	17.01958763
American Eagle Airlines Inc.	16.58153242
JetBlue Airways	15.18063254
Grand Total	16.10408188

Airlines	Average of ARRIVAL_DELAY
Frontier Airlines Inc.	18.34504132
American Eagle Airlines Inc.	18.28021707
JetBlue Airways	12.91042824
Grand Total	16.25529019

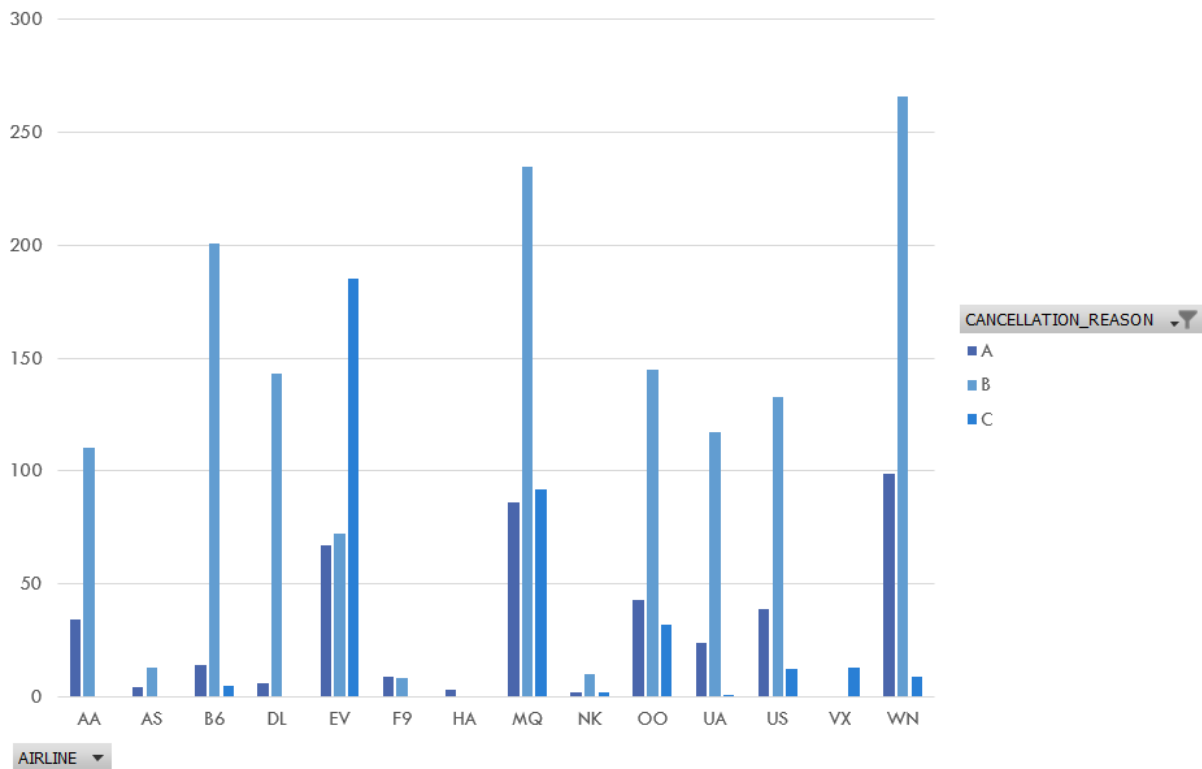
Airlines	Average of AIR_SYSTEM_DELAY
Spirit Air Lines	31.73088685
Virgin America	27.32089552
Frontier Airlines Inc.	25.11976048
Grand Total	28.21006289

Airlines	Average of SECURITY_DELAY
US Airways Inc.	0.258547009
Hawaiian Airlines Inc.	0.141242938
American Airlines Inc.	0.134542706
Grand Total	0.182676519

Airlines	Average of AIRLINE_DELAY
American Airlines Inc.	23.18820862
Delta Air Lines Inc.	21.2185567
Atlantic Southeast Airlines	20.47884733
Grand Total	21.53594919



Sum of CANCELLED



Sum of AIRLINE_DELAY

The chart displays the sum of AIRLINE_DELAY for each DAY_OF_WEEK (1-7) across 14 airlines. The y-axis represents the sum of delays, ranging from 0 to 50,000. The x-axis shows the day of the week. The legend lists the airlines: WN, US, OO, MQ, HA, F9, EV, DL, AS, B6, AA, VX, and UA. The chart shows that the sum of delays is generally highest on days 1 and 4, and lowest on days 2 and 3.

DAY_OF_WEEK	Sum of CANCELLED	Sum of AIRLINE_DELAY
1	~1,000	~48,000
2	~1,000	~34,000
3	~1,000	~32,000
4	~1,000	~39,000
5	~1,000	~39,000
6	~1,000	~33,000
7	~1,000	~38,000