

Page 1 – Overview

1. This page provides a high-level summary of the flight delay data over the analysis period. It includes:
2. **Cards** displaying:
 - a. **Total Flights:** The total number of flights operated.
 - b. **Total Delays:** The number of flights delayed by 15 minutes or more.
 - c. **Average Delay Minutes:** The average arrival delay time in minutes.
3. **Line Chart** showing the **Delay Percentage** trend over time (monthly), highlighting how the proportion of delayed flights changes across the year

Ctrl + Click to
Navigate to
Overview Page

Page 2 – Airline Comparison

This page compares the performance of the two major airlines, Delta and United, in terms of flight delays:

- **Clustered Column Chart** illustrating the total count of delayed flights for each airline.
- **Line Chart** showing the average arrival delay minutes per month for each airline, allowing trend comparison over time.
- **Pie Chart** representing each airline's percentage contribution to the total number of delayed flights.

Ctrl + Click to
Navigate to Airline
Comparison Page

Page 3 – Delay Causes

This page dives deeper into the root causes of delays by airline and month:

- **Stacked Bar Chart** breaking down the different delay causes (carrier, weather, NAS, security, late aircraft) for each airline.
- **Table** providing a monthly breakdown of delay causes, enabling detailed analysis of how each cause contributes over time.

Ctrl + Click to
Navigate to Delay
Page

TOTAL FLIGHTS

1.94M

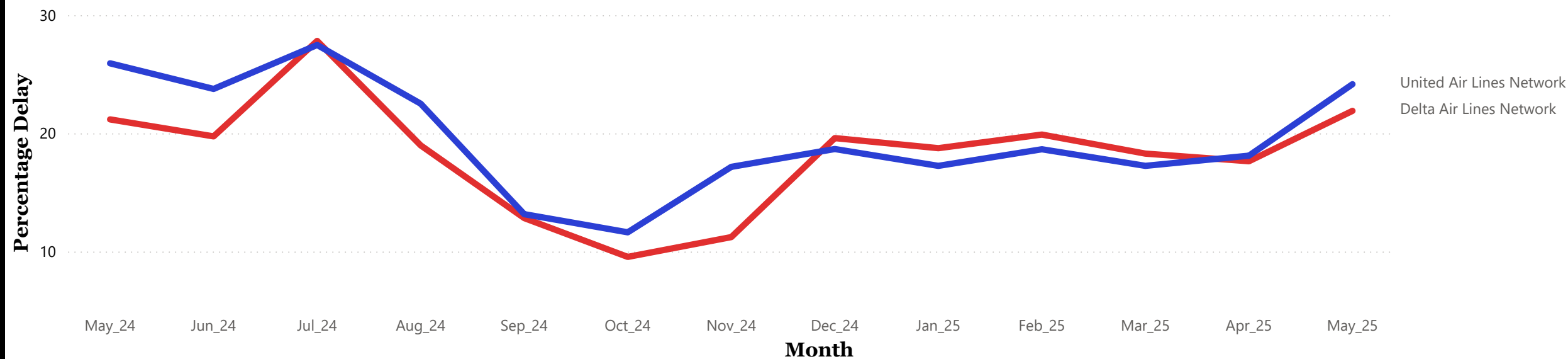
SUM(ARRIVAL DELAYS> 15MINS)

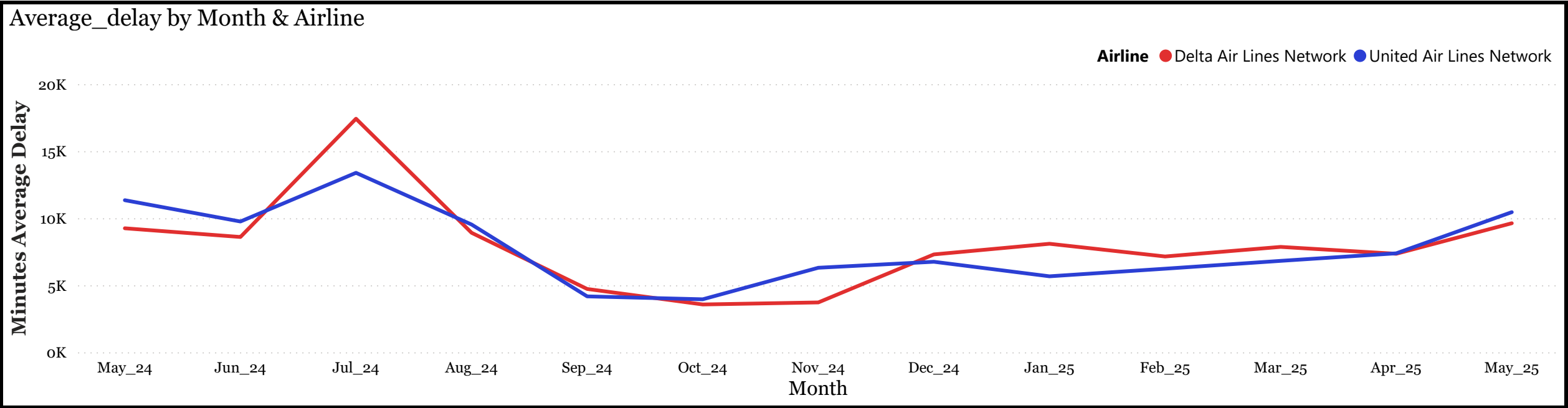
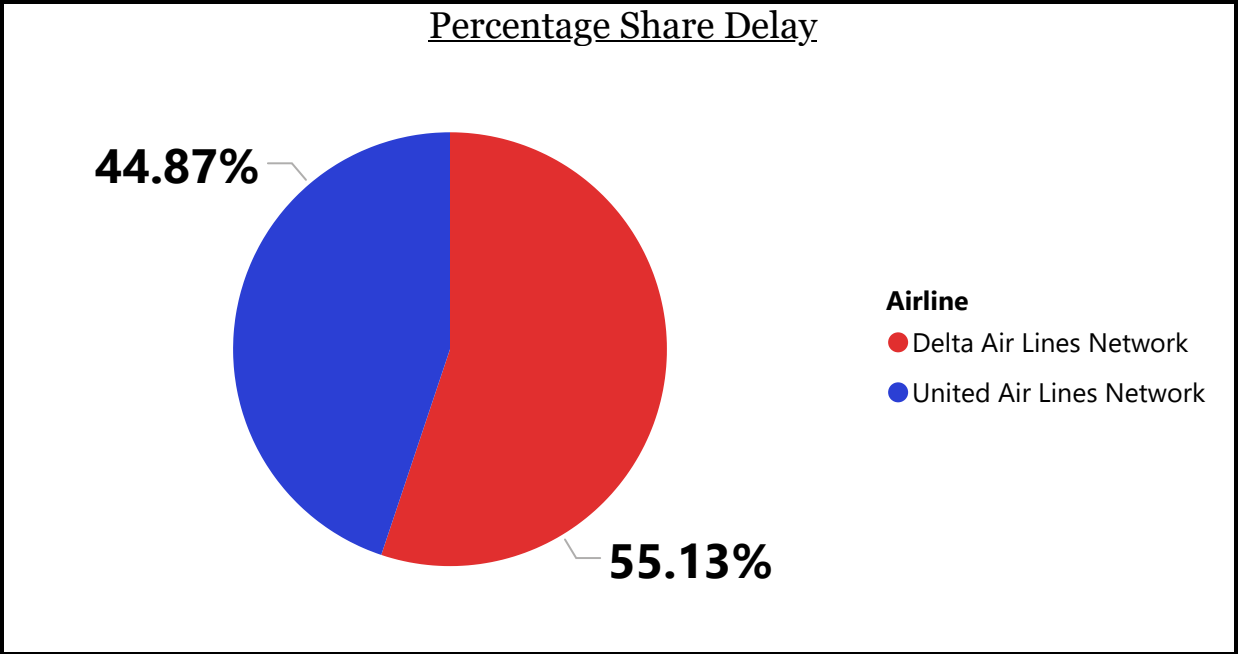
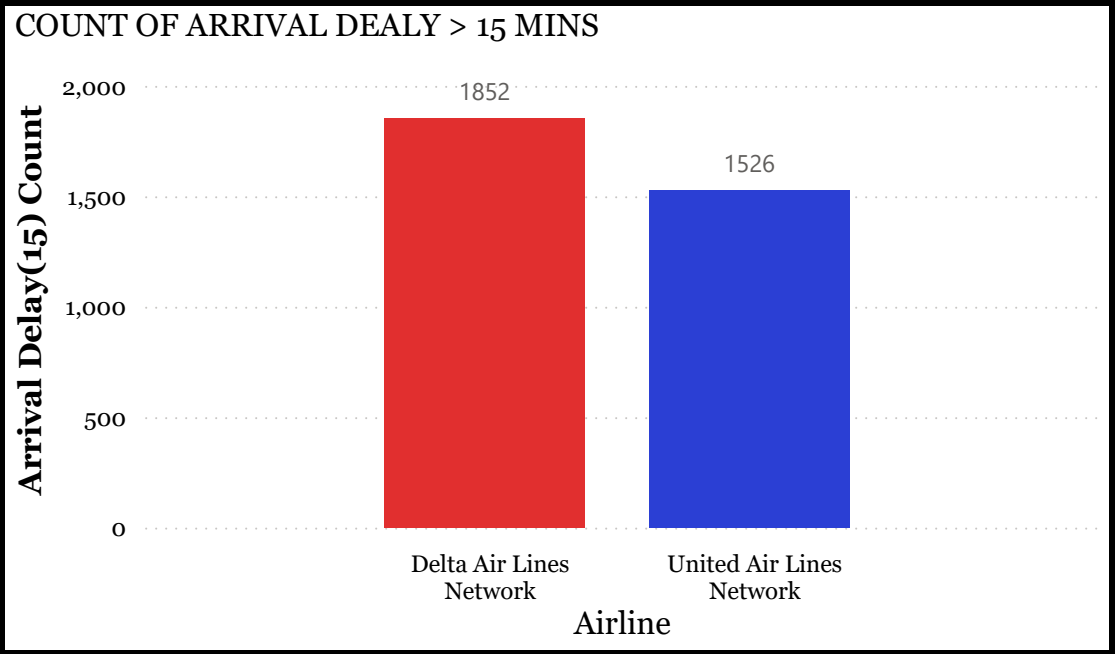
367K

AVERAGE DELAY MINUTES

7897

Delay Percentage by Month and Airline





year	month	Sum of late_aircraft_delay	Sum of nas_delay	Sum of security_delay	Sum of weather_delay	Sum of carrier_delay
2024	5	459738	282313	1133	57739	512105
2024	6	370575	264932	570	55710	554930
2024	7	723331	335991	944	70933	1359483
2024	8	372824	278557	563	55989	566317
2024	9	189944	106803	628	38997	338780
2024	10	131946	67787	446	11578	294529
2024	11	135011	108264	409	23073	272237
2024	12	238907	184024	870	48292	402208
Total		4418642	2845880	8985	702228	6776007

