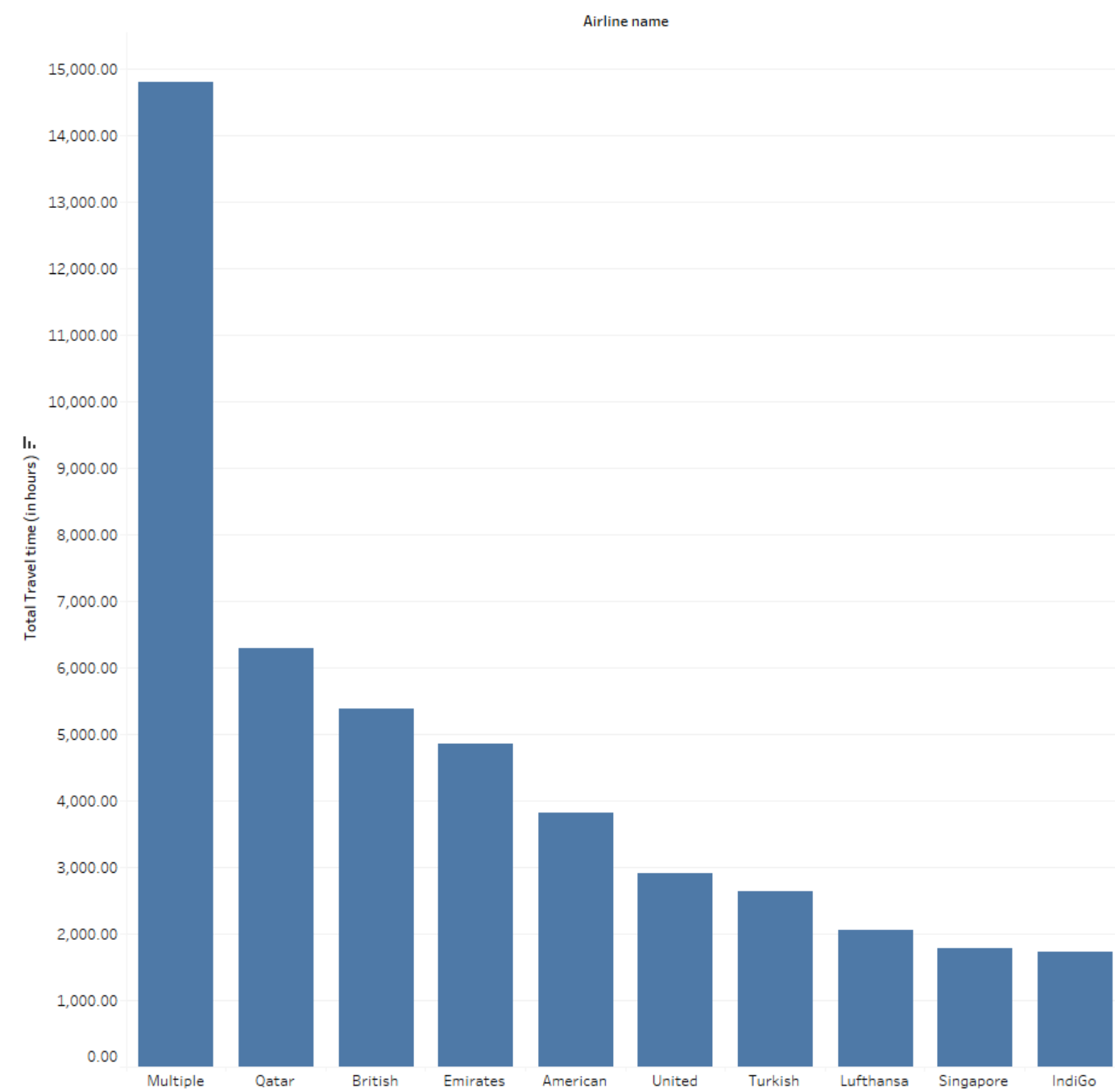


INT 7253 Visual Analytics

Final Project

By: Tej Acharya

Top 10 Airlines by Travel Time



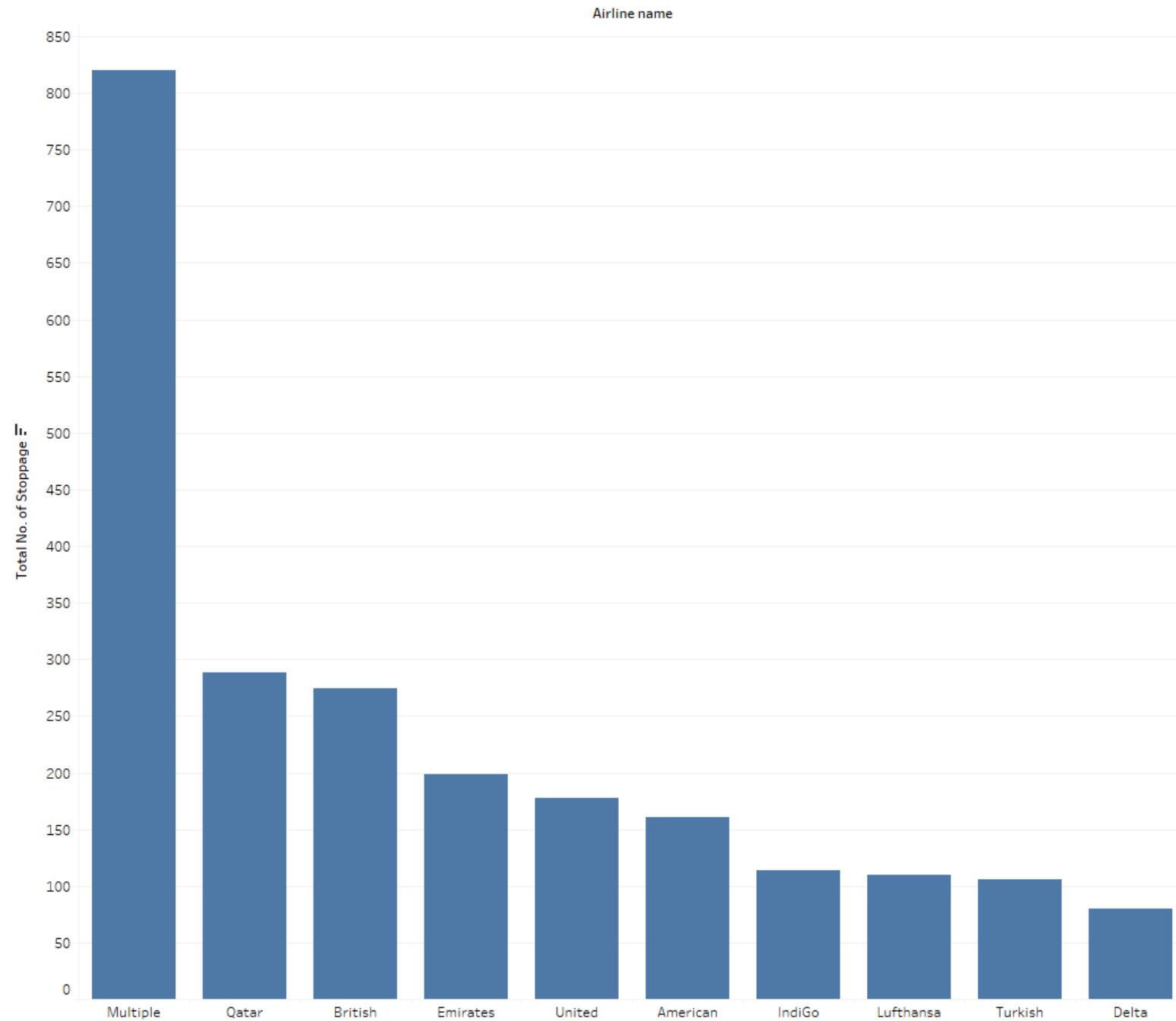
Bar chart ranking the airlines with the most cumulative travel hours, showcasing those with extensive operational hours.

Average Ticket Cost by Airline



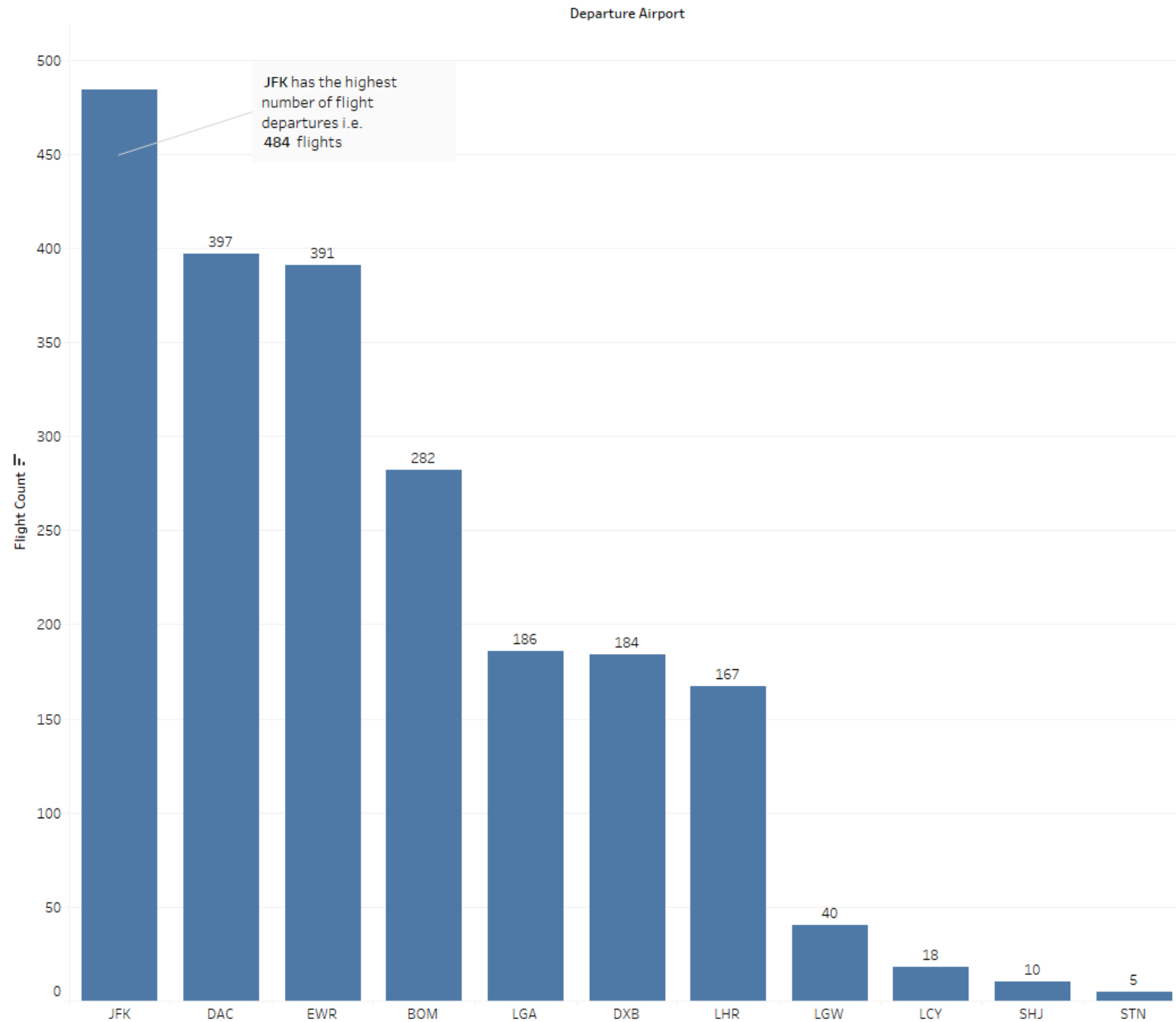
A bar chart presenting the average cost of tickets for each airline, highlighting the range in pricing strategies.

Top 10 Airlines with Most Stoppages



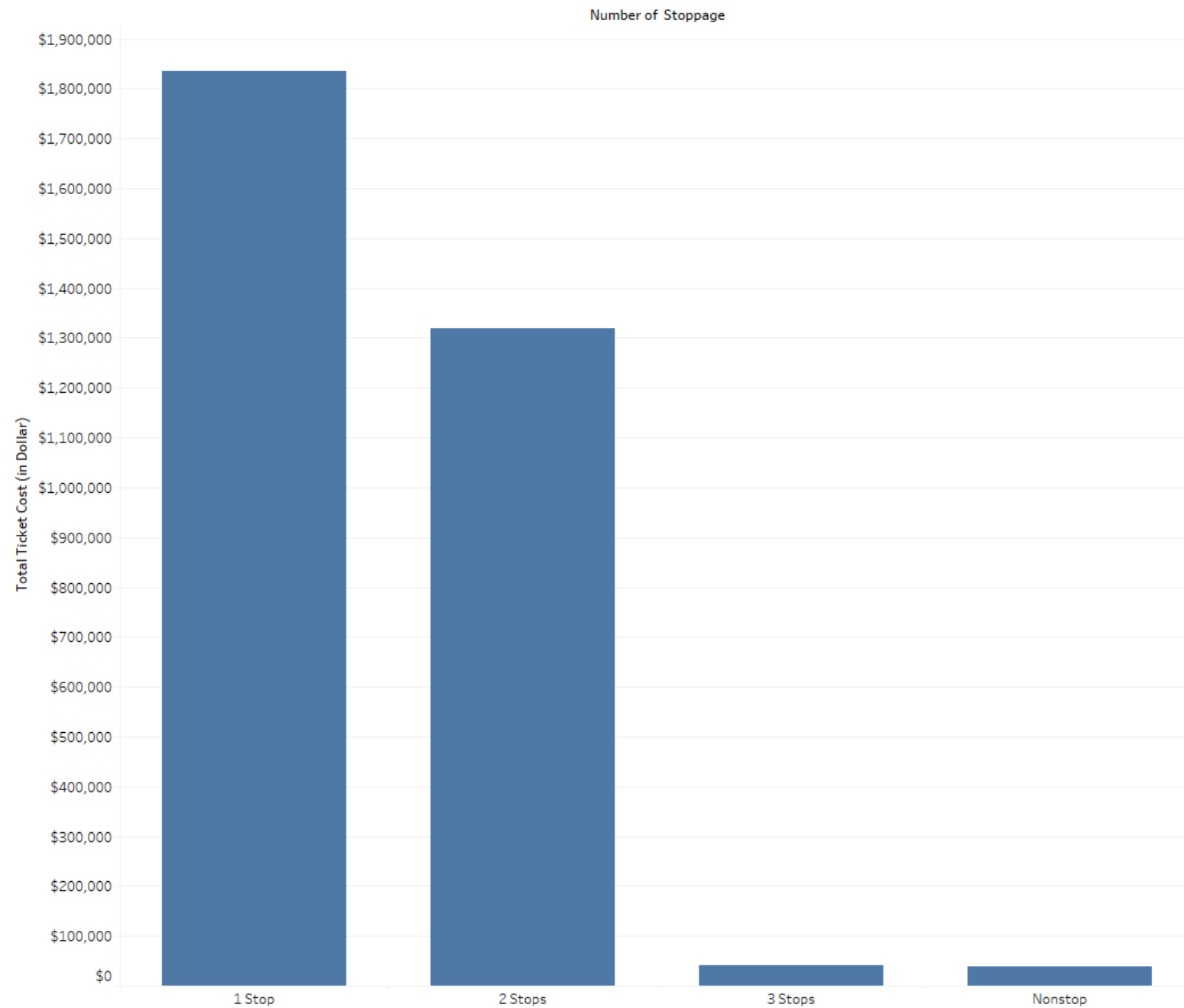
This bar chart ranks the top 10 airlines according to the total number of flight stoppages.

Departure Flight Frequency by Airport



Bar chart comparison of flight frequencies, showing how often flights depart from major airports.

Ticket Cost and Stoppages Correlation

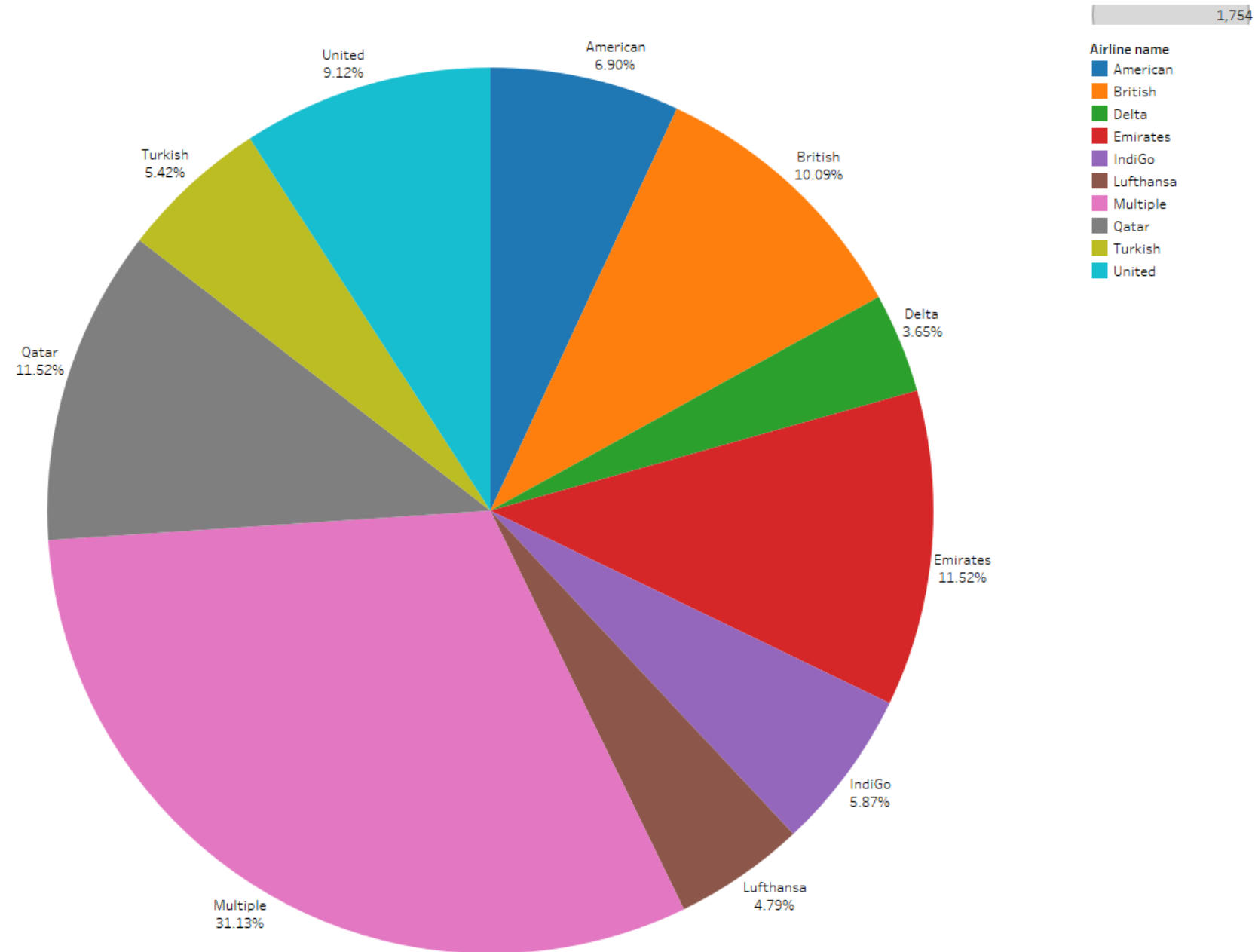


A bar chart analyzing the relationship between the ticket cost and the number of stoppages for flights.

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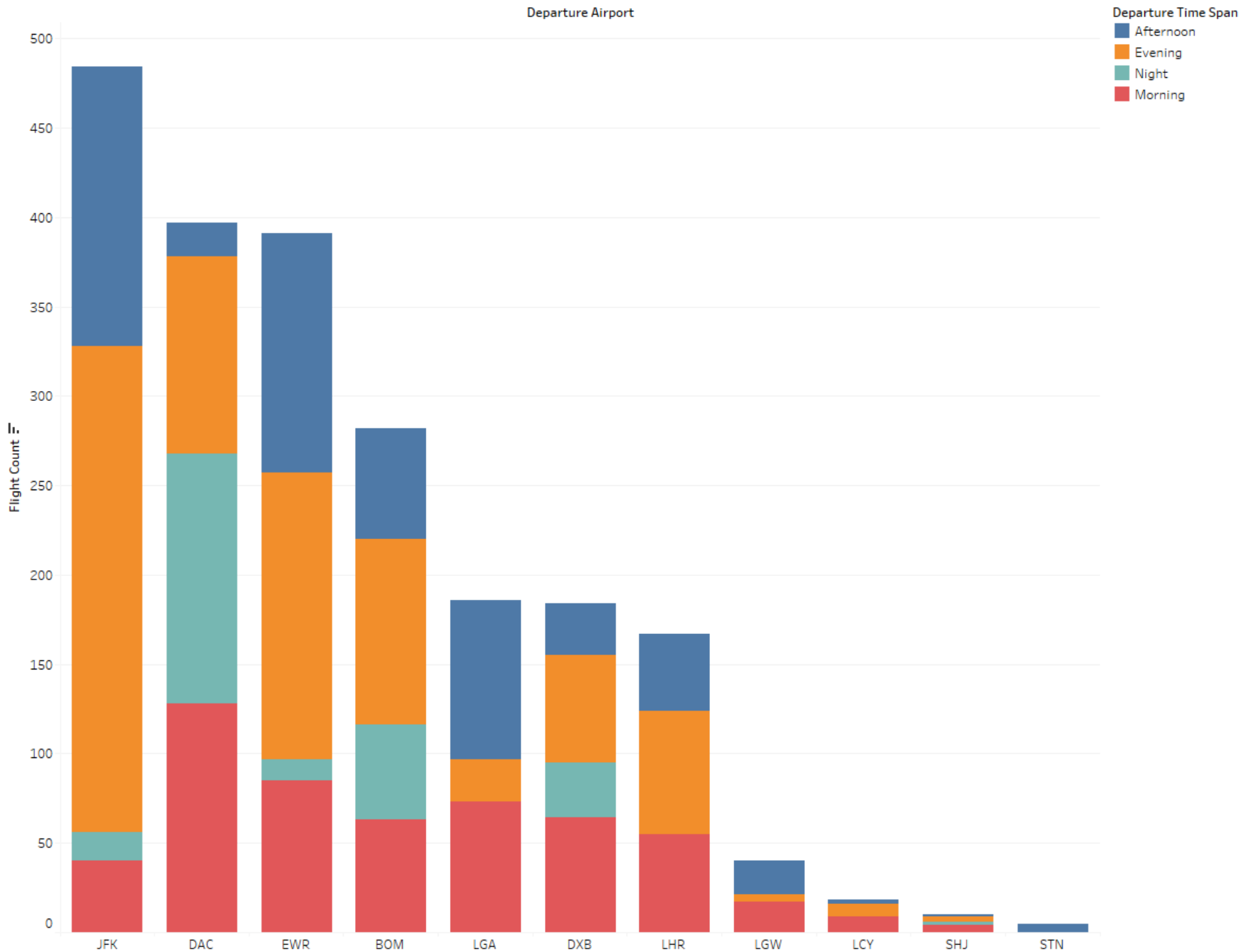
A tree man displaying the distribution of total stoppage time across different flights and airlines

Airlines Market Share Overview



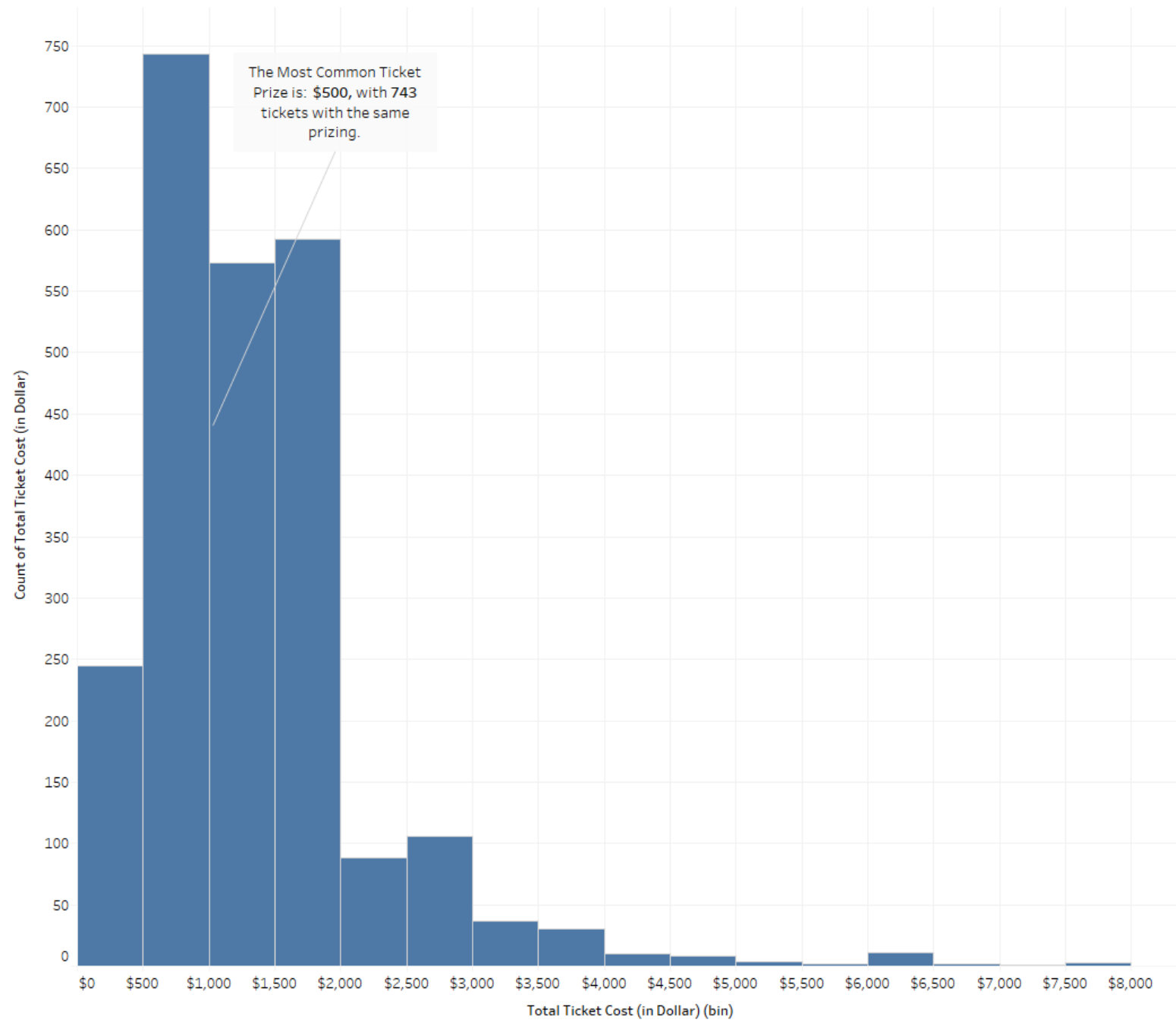
Pie chart illustrating the market share of top airlines, with a segment size reflecting their market presence.

Flight Departure Times by Airport



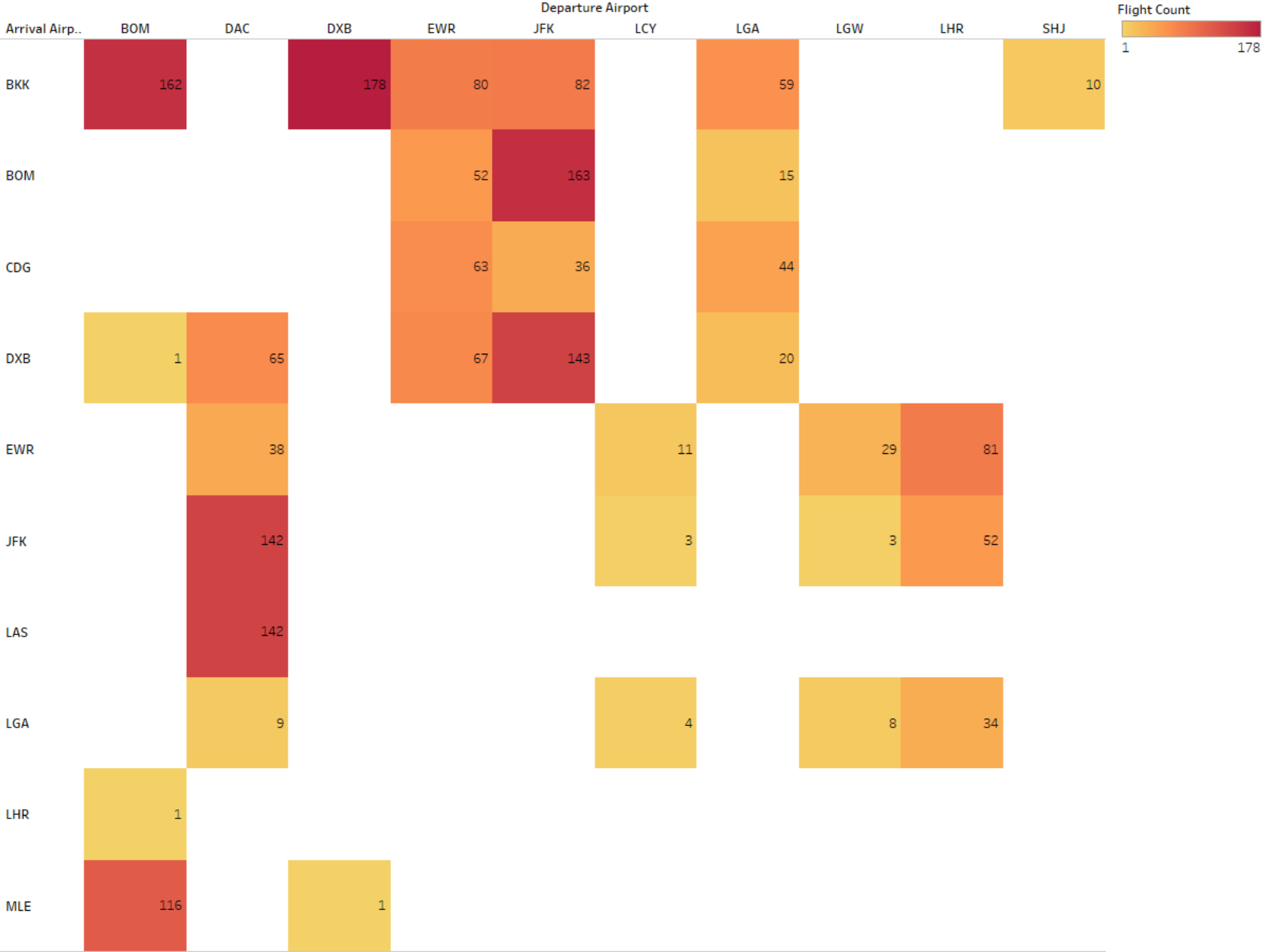
Stacked bar chart showing the distribution of flights' departure times across various airports.

Distribution of Flight Ticket Prices



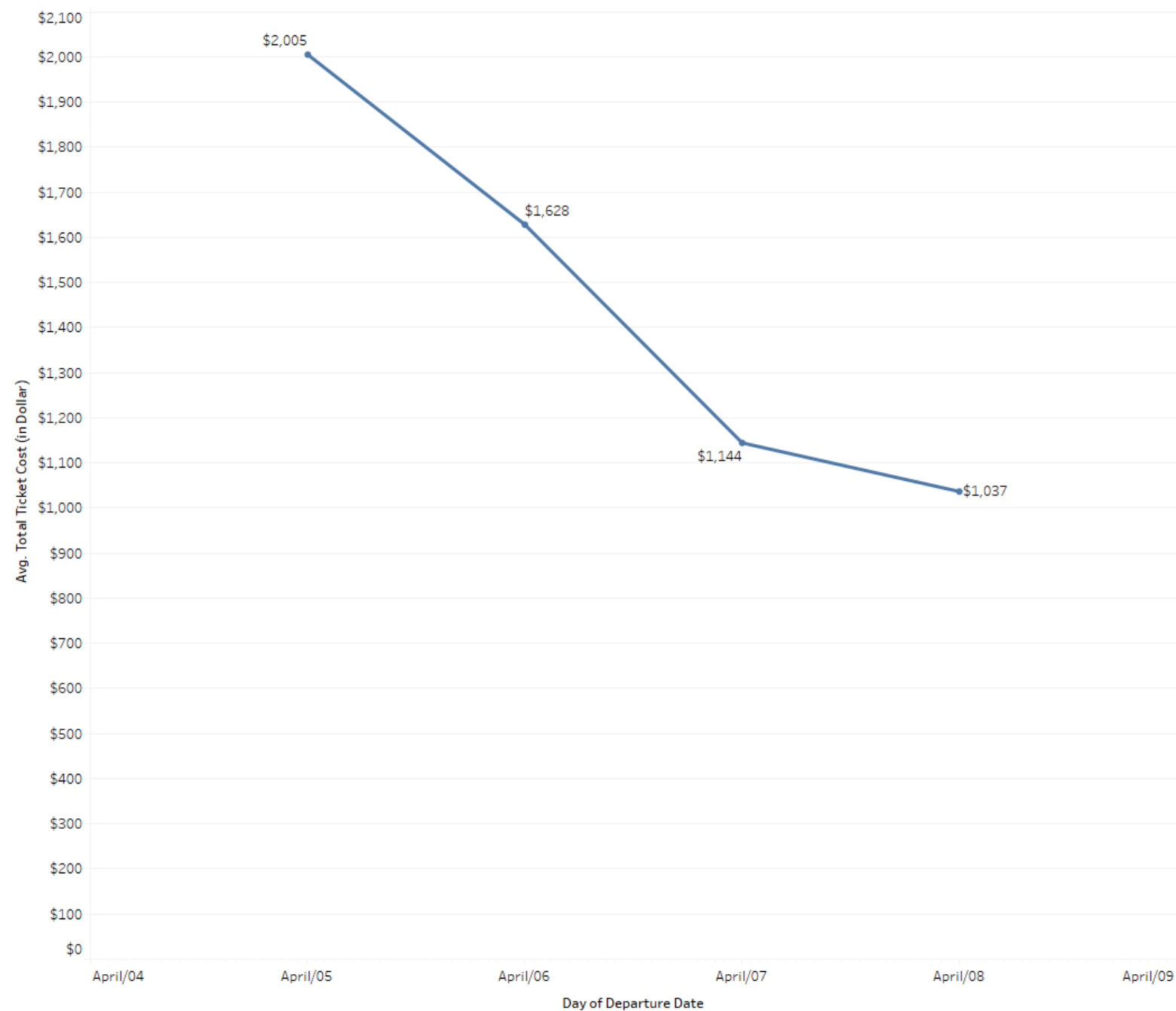
Histogram indicating the common price ranges of flight tickets, with a peak at the \$500 mark.

Air Traffic Frequency Heatmap



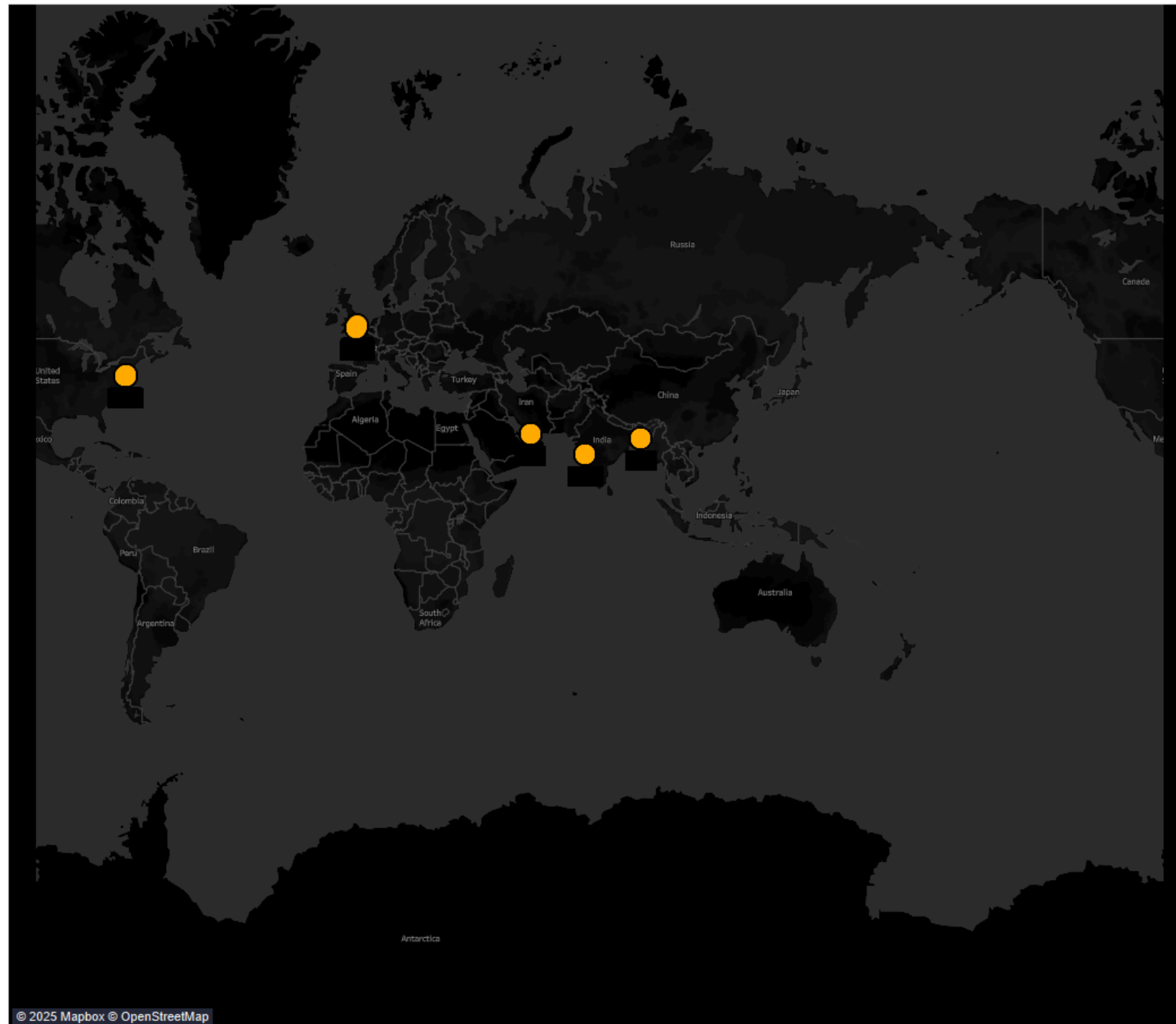
Heatmap visualizing the intensity of flight frequencies between arrival and departure airport pairs.

Trend of Ticket Prices Over Time



Line graph showing the change in average ticket cost across different days, highlighting price dynamics.

Airline Dominance at Departure Airports



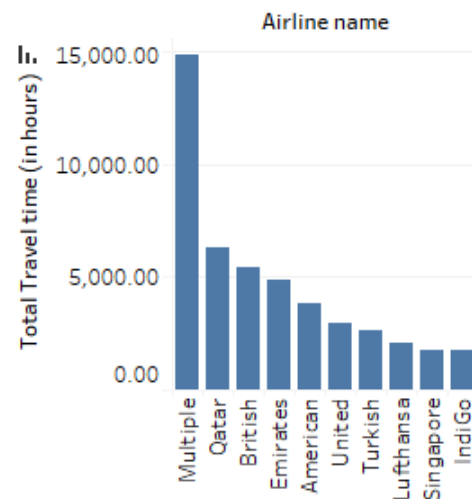
Map pinpointing departure airports, with markers sized to represent the volume of flights from dominant airlines.

Airline Performance Dashboard

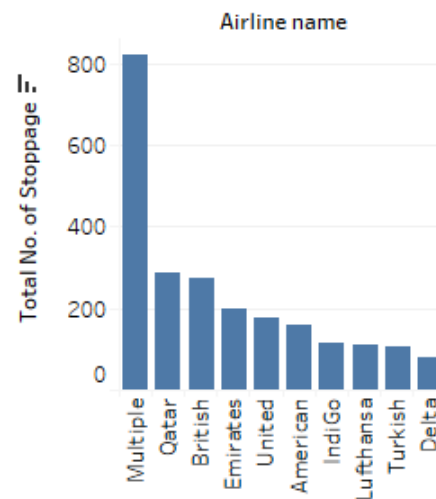
Adjust the 'Flight Duration' slider to analyze airline performance across varying flight lengths, from short-haul to long-haul routes

82.17

Top 10 Airlines by Travel Time

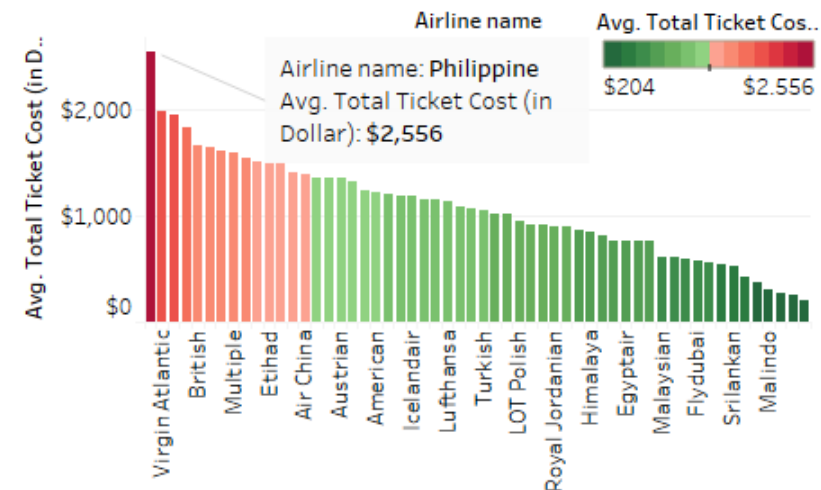


Top 10 Airlines with Most Stoppages

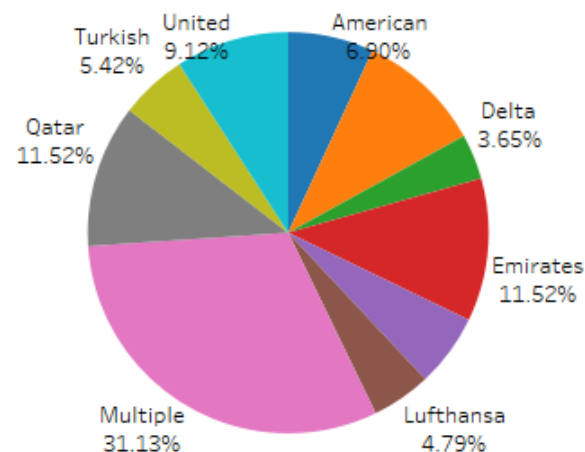


Airline name Multiple values

Average Ticket Cost by Airline



Airlines Market Share Overview



Airline Dominance at Departure Airports

