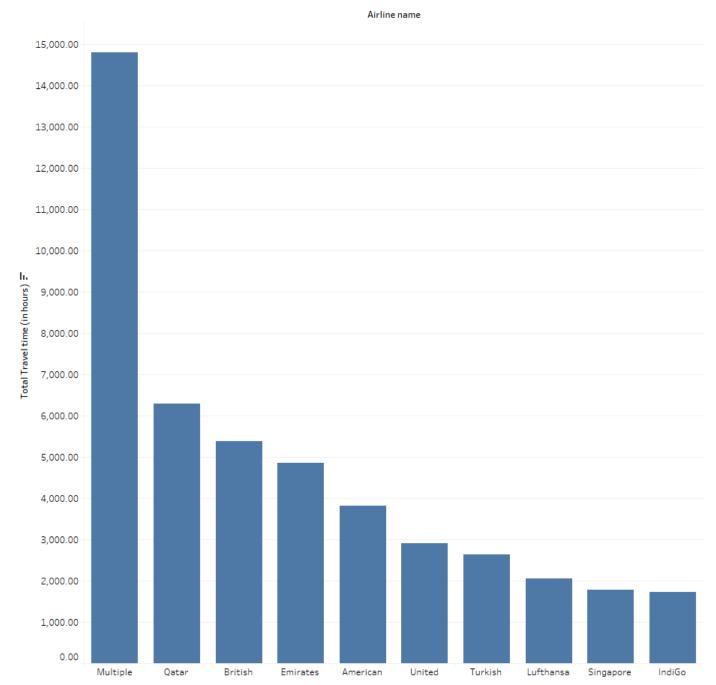
INT 7253 Visual Analytics

Final Project

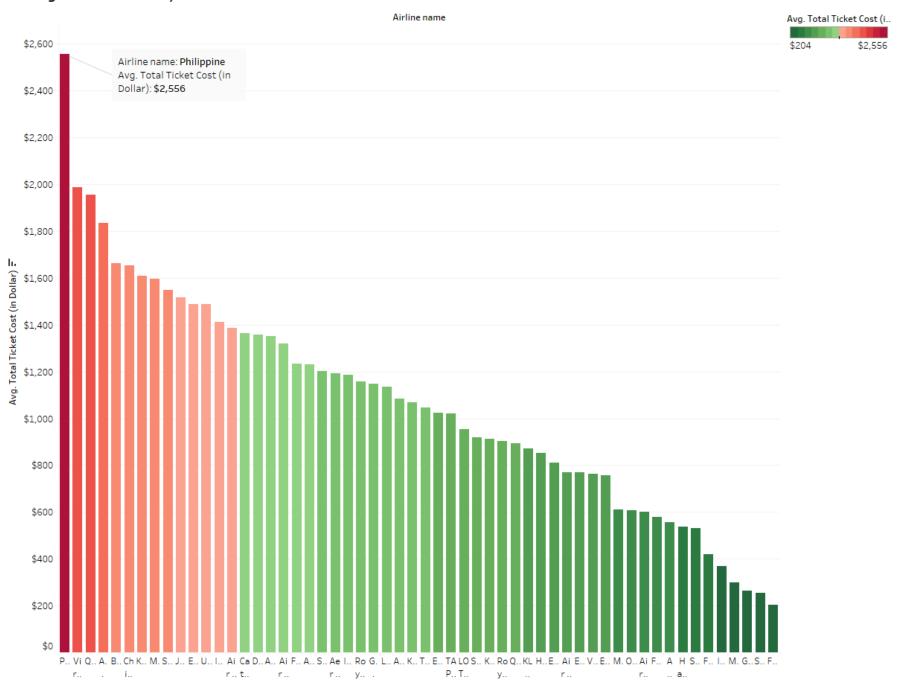
By: Tej Acharya

Top 10 Airlines by Travel Time



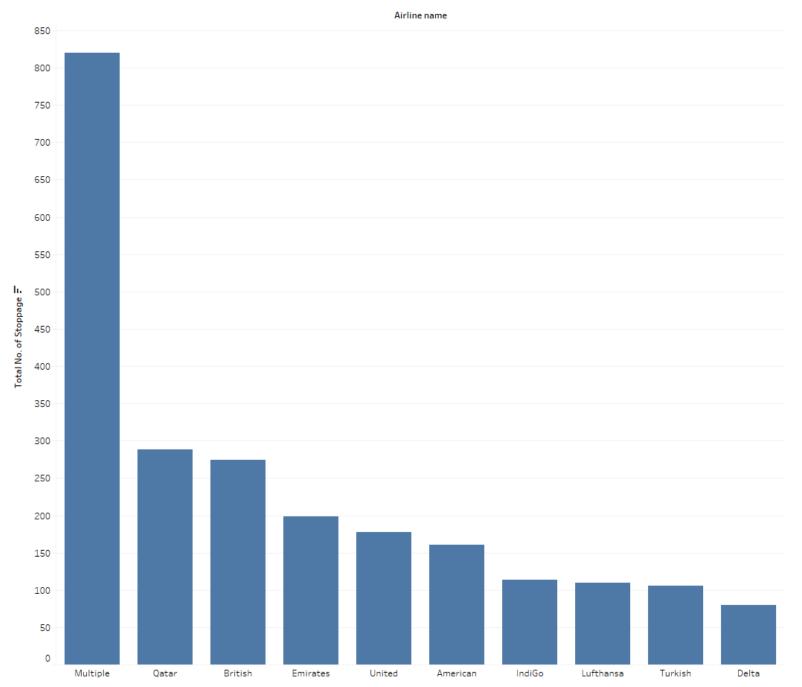
Bar chart ranking the airlines with the most cumulative travel hours, showcasing those with extensive operational hours.

Average Ticket Cost by Airline



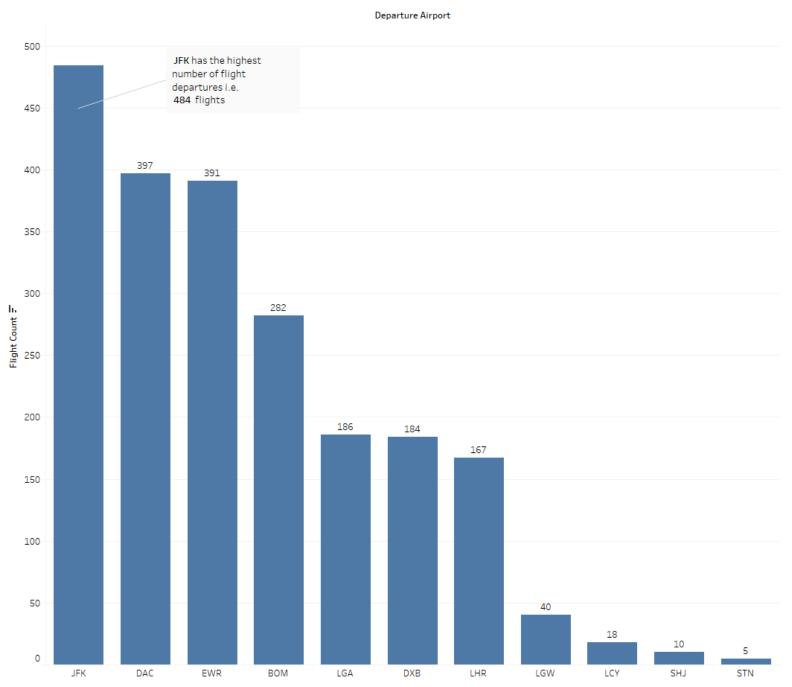
A bar chart presenting the average cost of tickets for each airline, highlighting the range in pricing strategies.

Top 10 Airlines with Most Stoppages



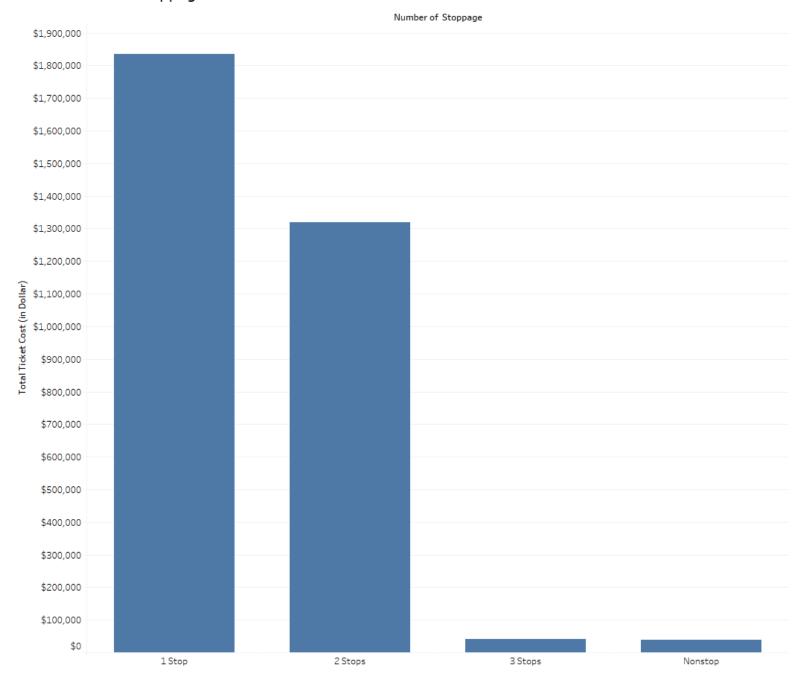
This bar chart ranks the top 10 airlines according to the total number of flight stoppages.

Departure Flight Frequency by Airport



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

Ticket Cost and Stoppages Correlation

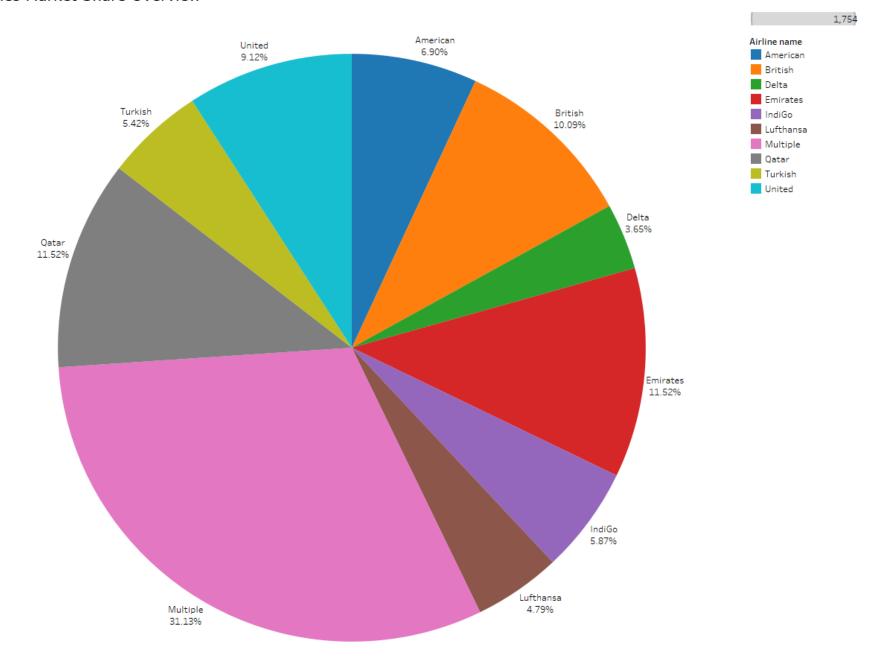


A bar chart analyzing the relationship between the ticket cost and the number of stoppages for flights.

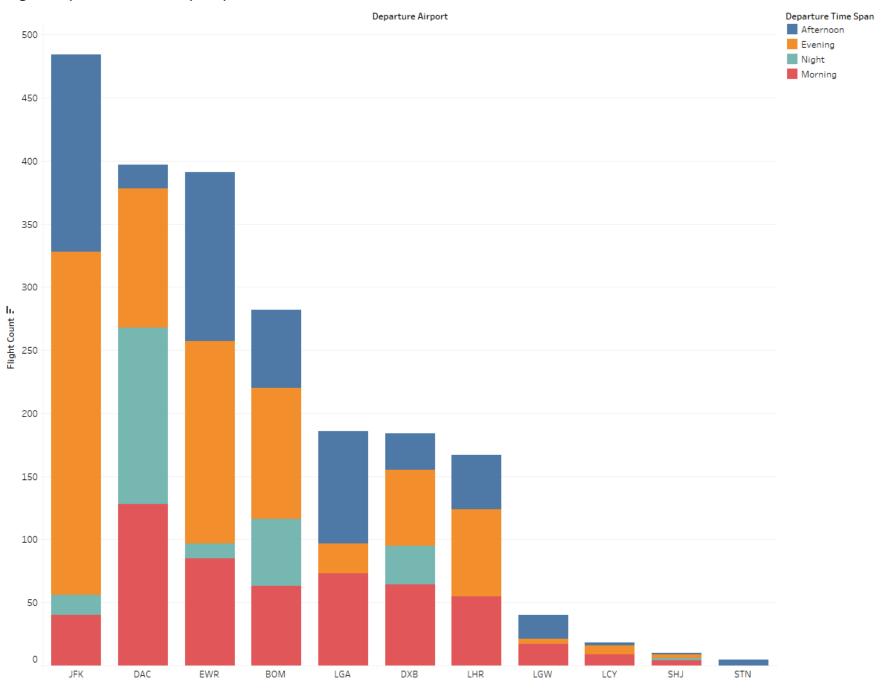
Total Stoppage Time Distribution

1 Stop JFK BOM	1 Sto JFK BOM			1 Stop		JFK BKK		1 Stop JFK BKK	1	LH	Stop R Stop	1 Stop LHR EWR	1	1	1	1 Stop LHR LGA		1 Stop DAC JFK Emirates	1S DA		1 Stop EWR DXB Multiple		
1 Stop JFK	1 Sta	р				1 Sto	D									1 1	1	1 Stop					
JFK	JIK									15	Stop							DAC			1	1	1
1 Stop JFK	1 Stop JFK	1 Sto	ор	1 1	1 1	1 1Sto	Р			1S LH	Stop R	1 Stop				1	1	1 Stop DAC	1	1	Stop EWR	Stop EWR	Stop
Stop	DXB					1 Sto	р			1 0	Stop	1 Stop						DXB Qatar			CDG	CDG	1
FK	1 Stop JFK									LH		1 Stop			<u> </u>			1 Stop					
Stop	1 Stop	1 Sto		1		1 Stop		1 Sto BOM	р	1S DX	Stop (B		1 Stop	19 DX	Stop B	1 Sto	q	DAC DXB					
BKK ndiGo	BOM BKK Hahn	BOM BKK Air	'	Stop BOM BKK	ı	BOM MLE Emirates		MLE IndiG	0	BK Mu	K ultiple		BKK Hahn Air	ВК	K	DXI	В	1 Stop			1 Stop		
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2 Stops DAC .AS Vultiple				DA LA	-	5		DA LAS	_		2 Stops DAC EWR British	2 Stops BOM MLE Multiple				BC BK	Stops)M (K stara	Stops BOM	2 Stop LGA BKK Multip				2
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Stops AC		D	Stop)S		DA		. 2	2 :	2	2 Stops DAC	BKK Multiple	•				BKk Uni		BOM Virgin	Atlan	tic		
JFK		JFK Gulf A			npan	any Ame		an			2 Stops DAC						2 St EW	tops	2 Stop	os			
? Stops)AC FK			Stop AC FK	ps		2 St	2 Stops	2 Stop	os								BKk						

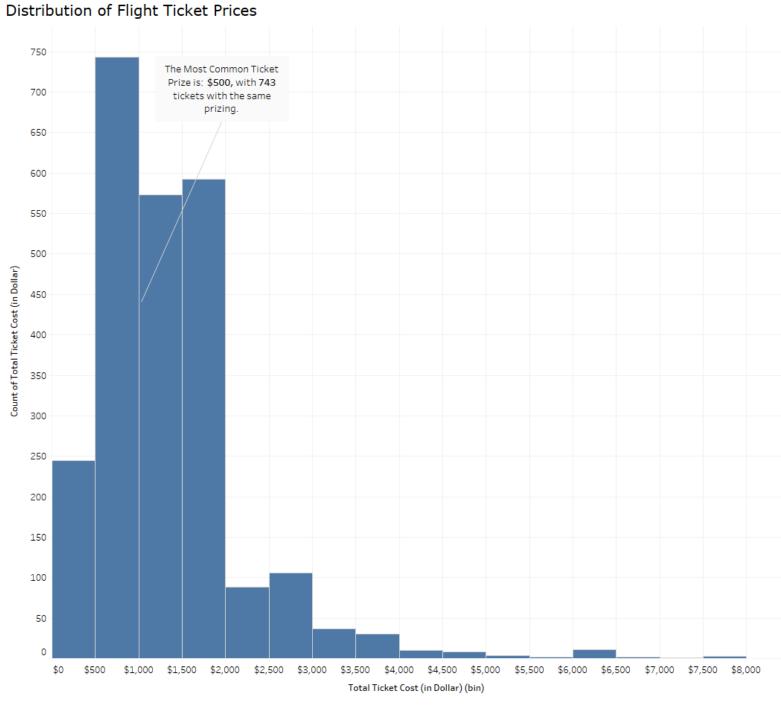
A tree map displaying the distribution of total stoppage time across different flights and airlines.



Flight Departure Times by Airport



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

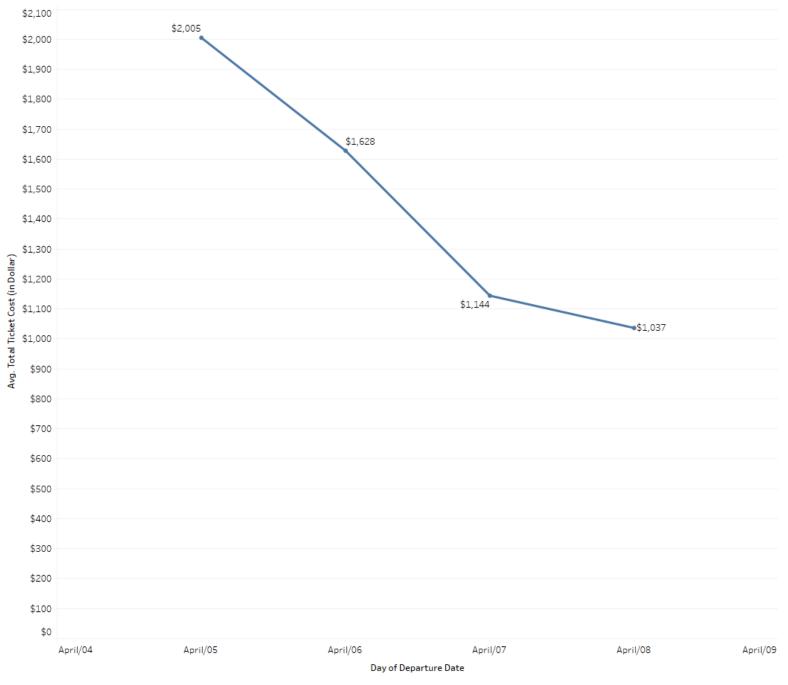


Air Traffic Frequency Heatmap

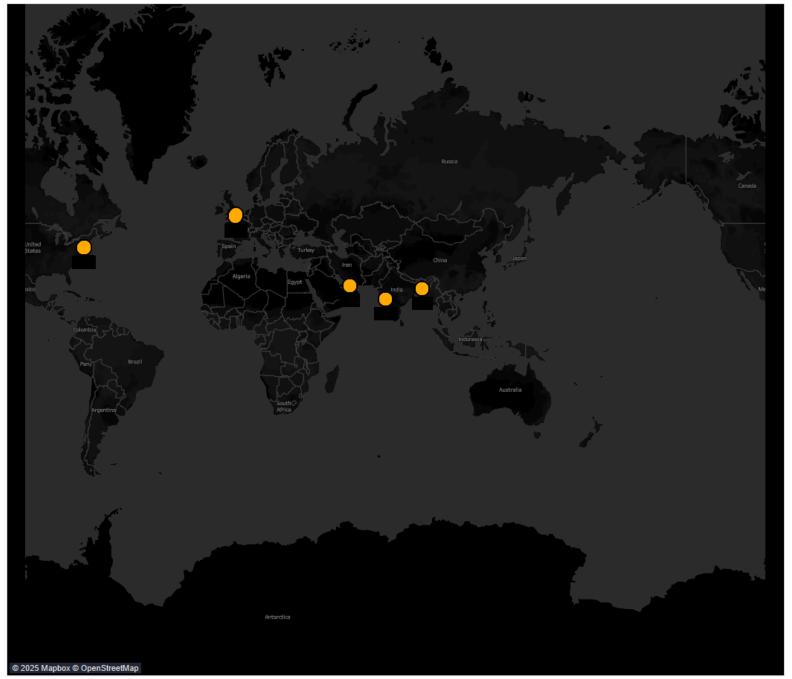


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Trend of Ticket Prices Over Time



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



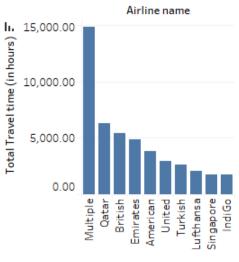
Map pinpointing departure airports, with markers sized to represent the volume of flights from dominant airlines.

Airline Performance Dashboard

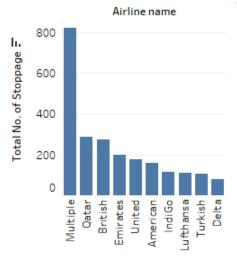
Adjust the 'Flight Duration' slider to analyze airline performance across varying flight lengths, from short-haul to long-haul routes

82.17

Top 10 Airlines by Travel Time

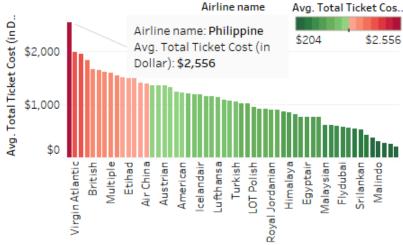


Top 10 Airlines with Most Stoppages

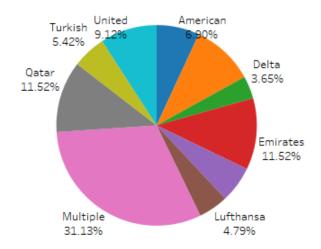


Airline name Multiple values

Average Ticket Cost by Airline



Airlines Market Share Overview



Airline Dominance at Departure Airports

