


Airline Delays Dashboard

localhost:8501

Deploy



Airline Delays Dashboard

Filtered Data Preview

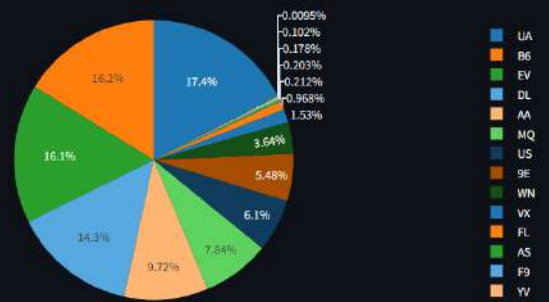
	id	year	month	day	dep_time	sched_dep_time	dep_delay	arr_time	sched_arr_time	arr_delay	carrier	flight	tailnum	origin	dest	air_time	distance	hour	minute	time_hour
0	0	2013	1	1	517	515	2	830	819	11	UA	1545	N14228	EWB	IAH	227	1400	5	15	2013-01-01 05:15
1	1	2013	1	1	533	529	4	850	830	20	UA	1714	N24211	LGA	IAH	227	1416	5	29	2013-01-01 05:29
2	2	2013	1	1	542	540	2	923	850	33	AA	1141	N619AA	JFK	MIA	160	1089	5	40	2013-01-01 05:40
3	3	2013	1	1	544	545	-1	1004	1022	-18	B6	725	N804JB	JFK	BQN	183	1576	5	45	2013-01-01 05:45
4	4	2013	1	1	554	600	-6	812	837	-25	DL	461	N668DN	LGA	ATL	116	762	6	0	2013-01-01 06:00
5	5	2013	1	1	554	558	-4	740	728	12	UA	1696	N39463	EWB	ORD	150	719	5	58	2013-01-01 05:58
6	6	2013	1	1	555	600	-5	913	854	19	B6	507	N516JB	EWB	FLL	158	1065	6	0	2013-01-01 06:00
7	7	2013	1	1	557	600	-3	709	723	-14	EV	5708	N829AS	LGA	IAD	53	229	6	0	2013-01-01 06:00
8	8	2013	1	1	557	600	-3	838	846	-8	B6	79	N593JB	JFK	MCO	140	944	6	0	2013-01-01 06:00
9	9	2013	1	1	558	600	-2	753	745	8	AA	301	N3ALAA	LGA	ORD	138	733	6	0	2013-01-01 06:00

Avg Departure vs Arrival Delay by Airline



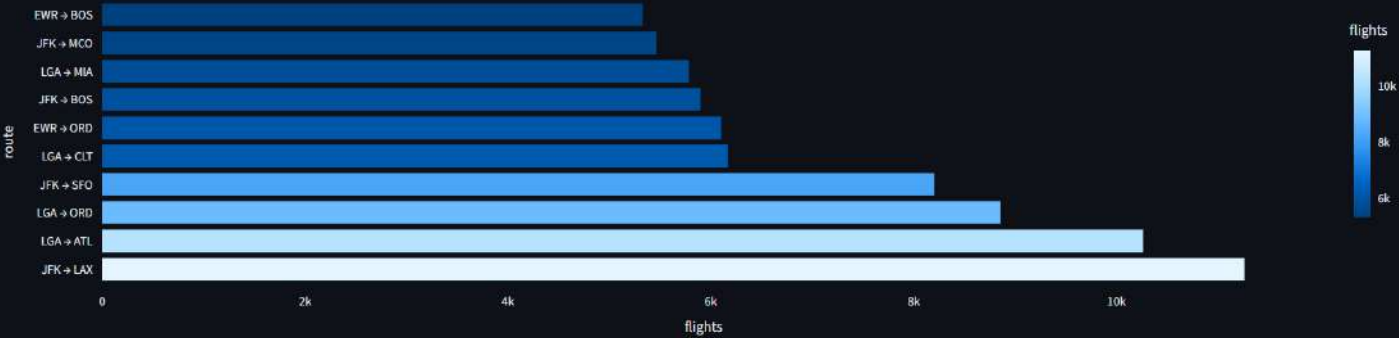
Insight: Airline with highest average departure delay is F9 (20.22 min).

Flight Share by Airline



Insight: UA operates the most flights (58665 flights, 17.4%).

Top 10 Busiest Routes



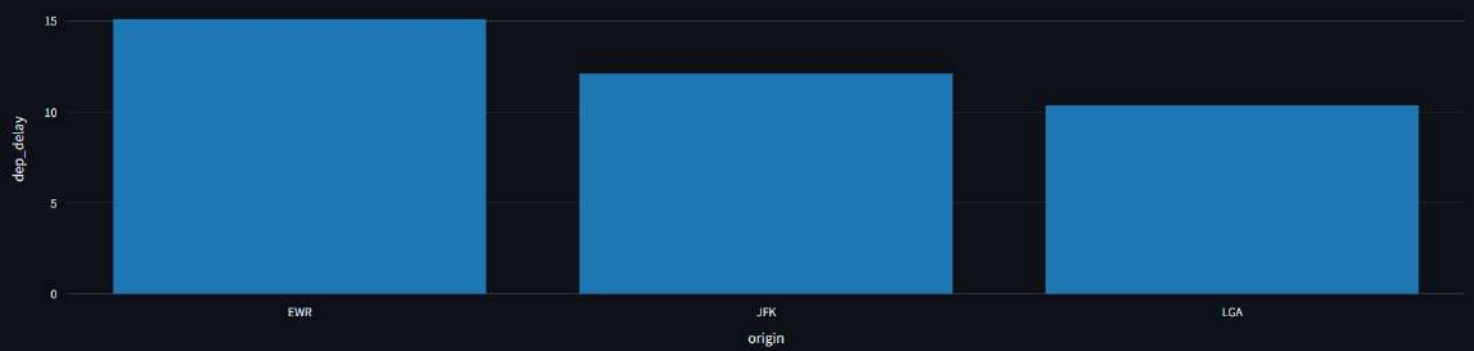
Insight: Busiest route is JFK → LAX with 11262 flights.

Monthly Avg Departure Delay



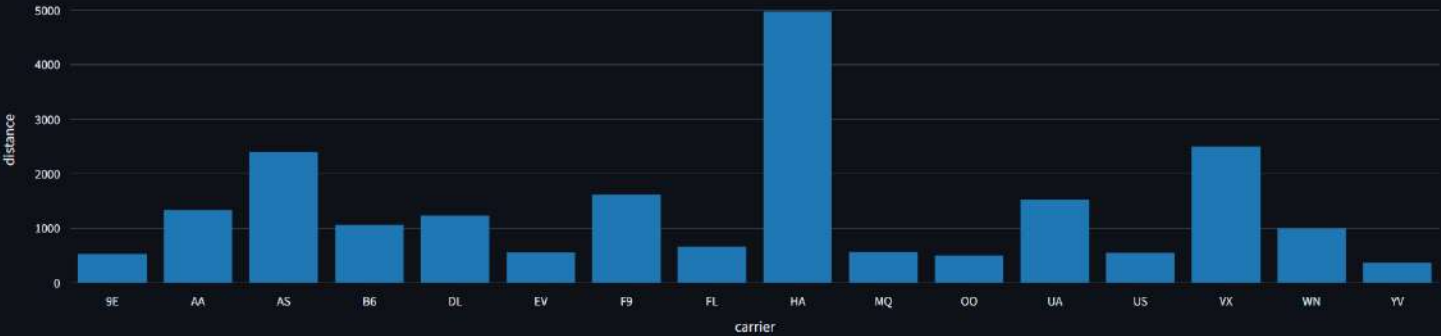
Insight: Month with highest avg departure delay is 7.

Avg Departure Delay by Origin Airport



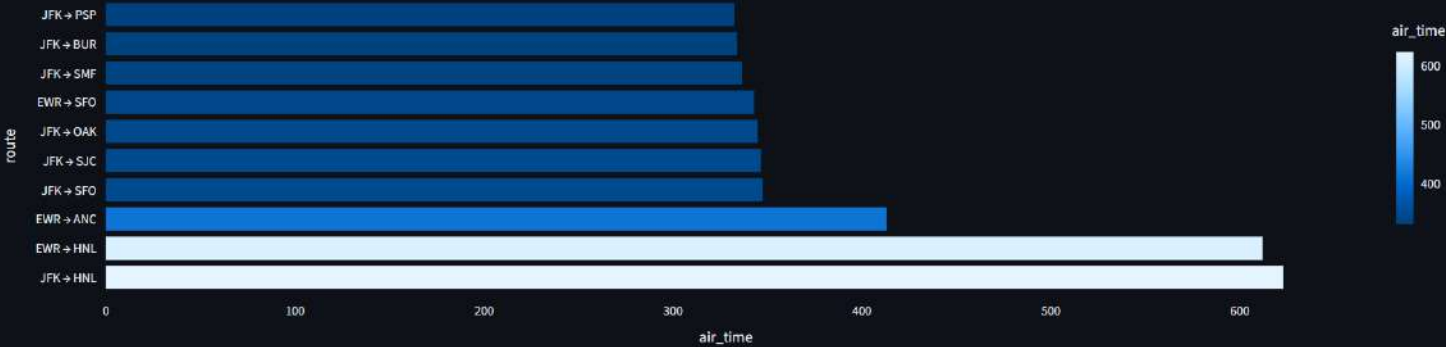
Insight: Airport with highest avg departure delay is EWR.

Avg Flight Distance by Airline



Insight: Airline with longest avg flight distance is HA.

Top 10 Routes by Avg Air Time



Insight: Route with longest avg air time is JFK → HNL (623.09 min).

Hourly Avg Departure Delay



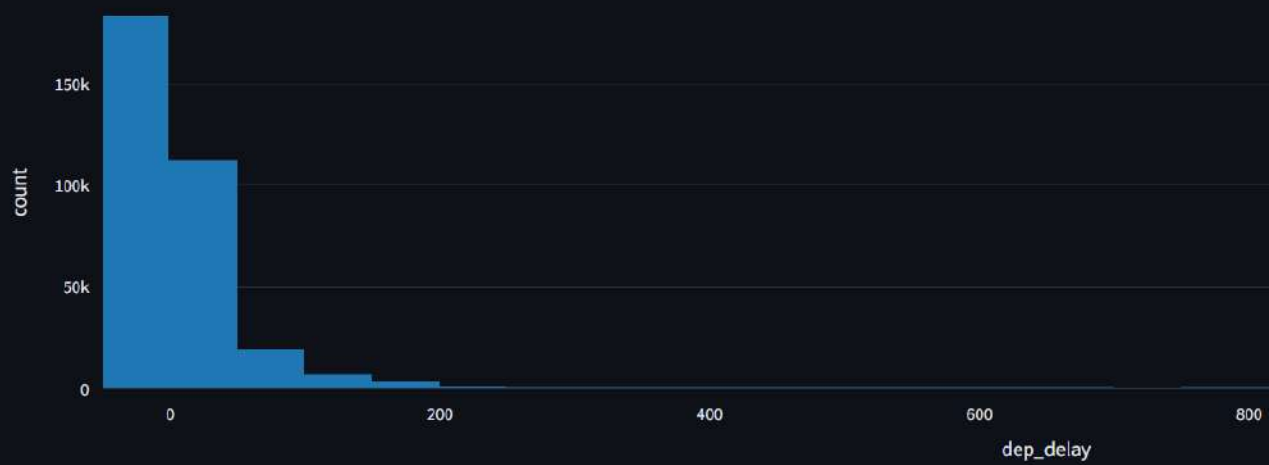
Insight: Hour with highest avg departure delay is 19:00.

Daily Avg Departure Delay



Insight: Day with highest avg departure delay is 8.

Departure Delay Distribution



Insight: Average departure delay across all flights is 12.64 minutes.