



FLIGHT ANALYSIS

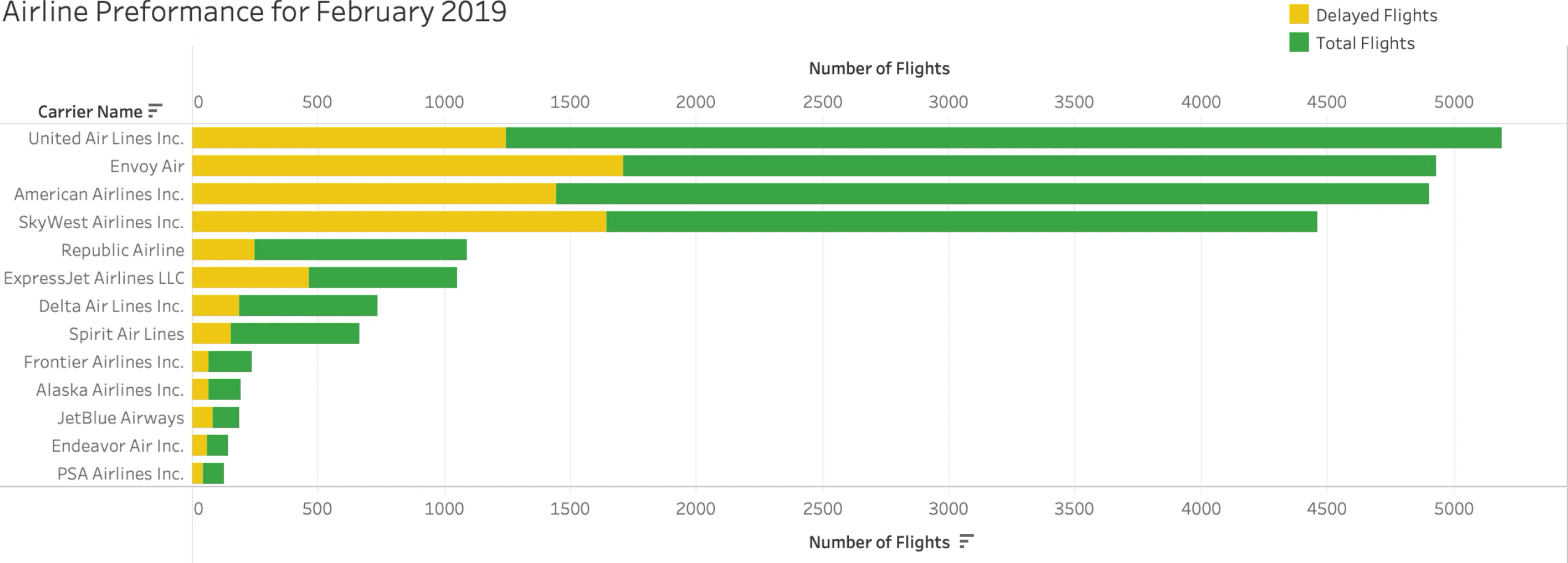
DELAYED DEPARTURE

O'HARE DEPARTURES

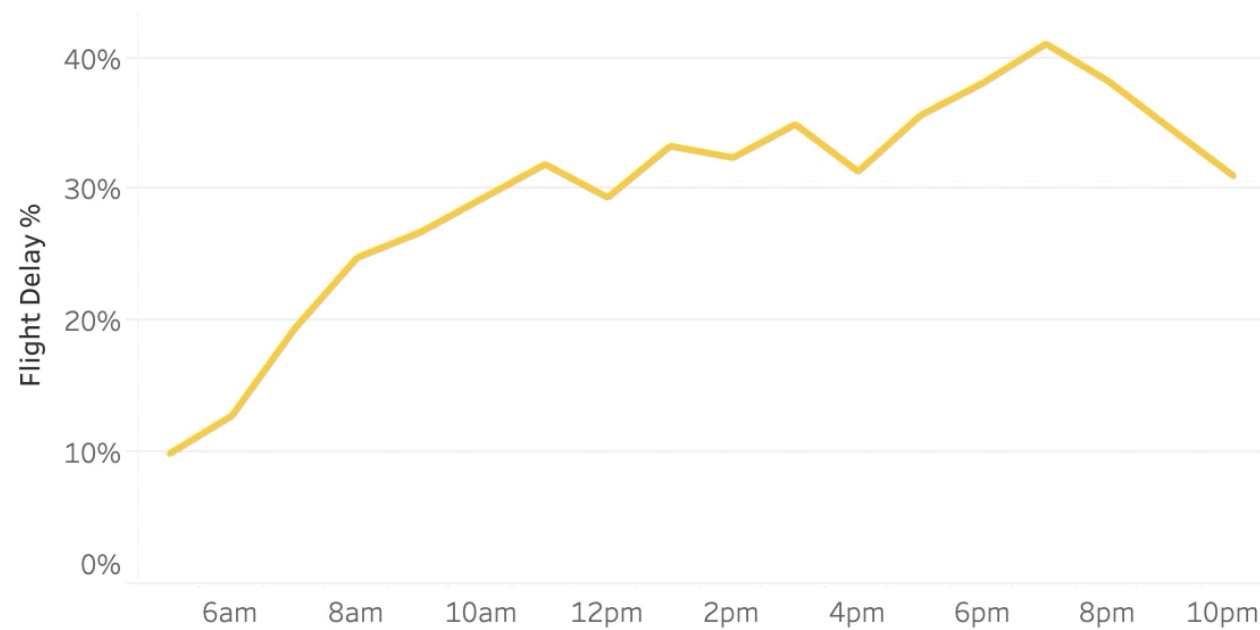
- ▶ Bureau of Transportation Statistics
- ▶ Weather Data



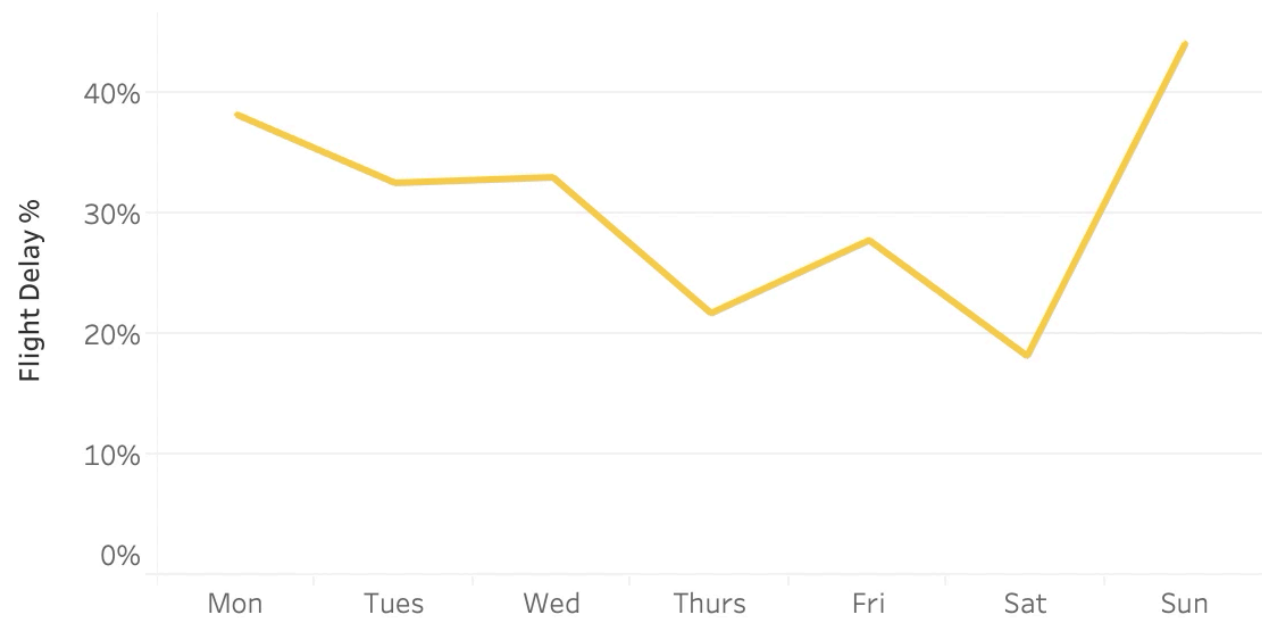
Airline Preformance for February 2019



Delays by Time of Day



Delays by Weekday





IMPORTANT FEATURES

- ▶ Scheduled departure time
- ▶ Flight number info
- ▶ Weather details
 - ▶ Precipitation
 - ▶ Wind bearing

Fill in the following info to predict your flight delay.

Choose Date:

2/20/2020

Destination City:

Boston, MA

Airline:

SkyWest Airlines

Departure time:



6am 12pm 6pm

Check



QUESTIONS?

APPENDIX

- ▶ Accuracy: 0.7444
- ▶ Precision: 0.6069
- ▶ Recall: 0.501
- ▶ F1 score: 0.5489
- ▶ ROC AUC: 0.6775

APPENDIX

