✈ Social Media Sentiment Analysis - US Airlines

Visualizing public sentiment towards major US airlines using Twitter data

Key Insights 📊

- United Airlines has the highest number of negative tweets.
- Virgin America shows the most positive sentiments.
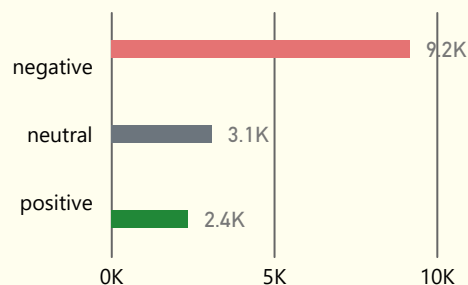- Flight delays are the most common negative topic.

Airline Sentiment
- [ ] negative
- [ ] neutral
- [ ] positive

Airline
- [ ] American
- [ ] Delta
- [ ] Southwest
- [ ] United
- [ ] US Airways
- [ ] Virgin Ameri...

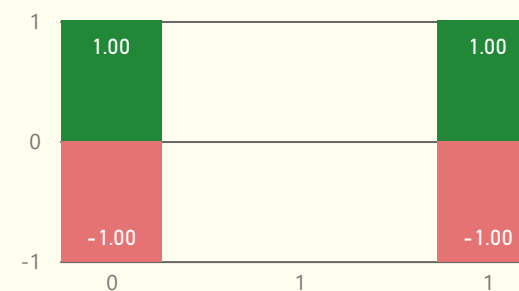## Sentiment Distribution
airline_s... ● negative ● neutral ● positive

- negative: 9.2K
- neutral: 3.1K
- positive: 2.4K

(0K, 5K, 10K)

Sentiment Distribution by Airline
airline_s... ● negative ● neutral ● positive

- United: 2.6K
- US Airways: 2.3K
- American: 2.0K
- Southwest
- Delta
- Virgin Ameri...

(0K, 2K, 4K)
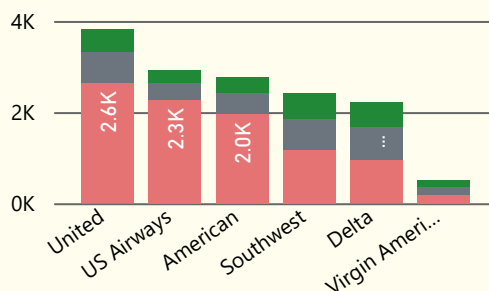
Sentiment Flight Correlation
airline_se... ● negative ● neutral ● positive

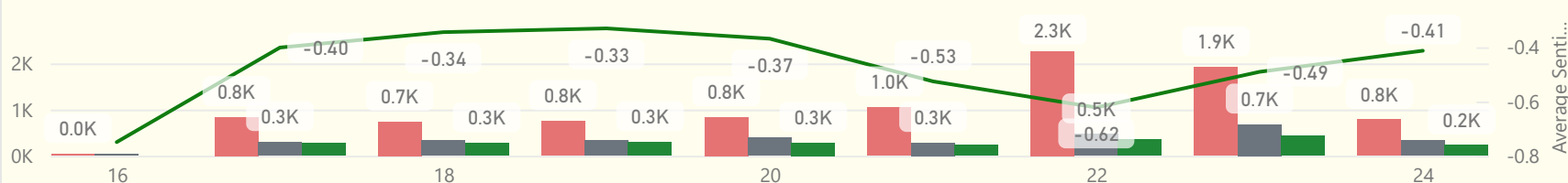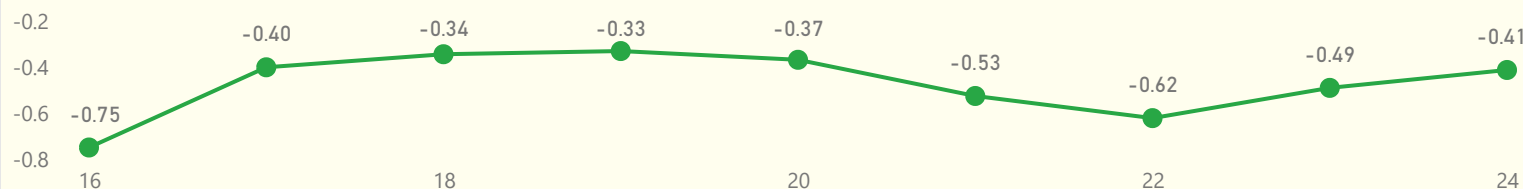|	0	1
positive	1.00	1.00
negative	-1.00	-1.00

Tweet Date
- [ ] 16/02/2015 00:0...
- [ ] 17/02/2015 00:0...
- [ ] 18/02/2015 00:0...
- [ ] 19/02/2015 00:0...
- [ ] 20/02/2015 00:0...
- [ ] 21/02/2015 00:0...
- [ ] 22/02/2015 00:0...
- [ ] 23/02/2015 00:0...
- [ ] 24/02/2015 00:0...

Tweet Volume and Sentiment Score Over Time
airline_sentiment ● negative ● neutral ● positive ● sentiment_score

- 16: 0.0K
- 17: 0.8K / 0.3K, -0.40
- 18: 0.7K / 0.3K, -0.34
- 19: 0.8K / 0.3K, -0.33
- 20: 0.8K / 0.3K, -0.37
- 21: 1.0K / 0.3K, -0.53
- 22: 2.3K / 0.5K, -0.62
- 23: 1.9K / 0.7K, -0.49
- 24: 0.8K / 0.2K, -0.41

Average Sentiment Over Time

- 16: -0.75
- 17: -0.40
- 18: -0.34
- 19: -0.33
- 20: -0.37
- 21: -0.53
- 22: -0.62
- 23: -0.49
- 24: -0.41

Overall Sentiment Breakdown

positive, neutral, negative