CS 6375 Machine Learning - Spring 2019
Project Proposal: Sentiment Analysis on Airlines Data

Team Members
- Pratik Kamath
- Cuong Ngo
- Arjit Yadav

Project Goal

In 2018, more than 4 billions people flew with over 5000 airlines around the world. Everyone wants to fly with the best airline and enjoy the most positive experience. We want to find out how people are experiencing and their opinions with major airlines.

Approach

We can achieve our goal by doing sentiment analysis on what people are talking about the airlines. The bottleneck for this analysis is the data that need to be analyzed. Twitter is one of the main source where people express their opinions to public. With the very rapid growth in the number of Twitter users, there is a vast amount of data available regarding people's experiences and opinions about all airline carriers. We intend to pull the tweets from Twitter, extract valuable and necessary information about airlines, and then perform sentiment analysis on the extracted data.

Conclusion

This analysis will greatly benefit the passengers. They can use it to have in depth idea of how to choose an airline for their next travel.