

# Data 620 Project Proposal

## Team No. 6

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## Project Proposal

The new Statue of Liberty Museum is going to open on May 16, 2019. In this project, we would like to perform a sentiment analysis of data from Twitter with hashtags related to the Statue of Liberty Museum such as #StatueofLibertyMuseum and #StatueofLiberty and tweets that mention this topic.

In this sentiment analysis, identified tweets are going to be classified as positive, neutral, or negative. We're thinking of using the Python library *TextBlob* to perform the sentiment analysis.

We're also interested in analyzing the location of the tweets, and determine which location has the most positive and negative tweets.

Because the Statue of Liberty is an iconic monument and is a popular tourist spot in New York City, we suspect that majority of the tweets are going to be positive or neutral.

This project covers one of the two main themes in the course, which is natural language processing.