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DS710 Summary

**Weather Tweets: The Battle of the States**

Does a person who lives in a traditionally good weather state, Florida, or a state that has more trying weather, Wisconsin, tweet more. This question perked my interest while I was going through my twitter feed and I noticed plenty of people tweeting about snow and I wondered if people tweeted just as much about warm weather as they did about cold, snowy weather.

To accomplish this I used the tweepy api and scraped several tweets from 12/16/2016 for both Florida and Wisconsin based on #Florida and #Wisconsin. I ended up with 100 tweets from Wisconsin and 99 from Florida. From there I queried the tweets to see which one contains one of the following words: Weather, weather, wx, and WX. I chose to include WX as i noticed a number of the Wisconsin tweets contained the hashtag #wiwx.

The second part of this analysis was to look at the rate of weather related tweets. This was accomplished by counting the number of times a WI tweet was weather related and the number of times a FL tweet was weather related. There ended up being 8 tweets out of 100 in Wisconsin and 2 out of 99 in Florida.

In conclusion at the point in time I looked at Wisconsin was tweeting more about weather, but there were a few issues with my tweet scraping methodology that I would like to work out in the future. First the tweets from near midnight 12/16 which would be close to 1am in Florida. Next time I would probably look at closer to noon as the more individuals would probably be tweeting about weather for both states at that time. The other analysis I would like to do in the future would be a snowstorm to a hurricane.