Trump Tweet Generator

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1 OVERVIEW

The general purpose of the project is to create a 'bot' using a markoc decision chain that can create new posts on Twitter in the same, or similar style to that of Donald Trump.

2 DATA

The data to be used for the project: Trump's Twitter post history, and potentially transcripts of previous public speeches. Most of the data will be acquired by scraping Trump's twitter and, given time, we may try to use his speech and television transcripts.

3 GOAL

Create and train a bot to be capable of emulating Donald Trump's style of speech and tweet.

3.1 BASIC GOAL

A bot that can post on Twitter in a fsimilar fashion to that of Donald Trump.

3.2 STRETCH GOAL

Capability of responding to other tweets, direct messages, and news reports in the same style as described above. Transcribe Trump's tweets in other persons tweets. (i.e. Winston Churchill, Big Bird, etc)

4 METHOD

Overall the method will revolve around feeding the data (large amounts of text from or said by Donald Trump) into a Markov chain and have it produce 'original' content based on that training. We will then base judgment of the bot's performance by fluency of language and style of post.

4.1 STEP 1

Gather data - Trump Tweets - by web scraping, and create program to feed data into Markov chain.

4.2 STEP 2

Create and fine tune Markov chain to be trained with our given data to emulate Trump's style with a small margin of inconsistency.

4.3 STEP 3

Work on fluency of language and stylistic generation of the posts by our Trump bot.

5 REFERENCES (SO FAR)

- WhatWouldTrumpTweet: Topic Clustering and Tweet Generation from Donald Trump's Tweets
  Author: Melissa Hall

- trump-tweet-archive

- Natural Language Generation with Markovify in Python