MOOD METER

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Problem

- How the tweets can be used to track the general mood of a region.

Approach

- On the basis of all the tweets collected, the purpose is to analyse the mood of the particular region.

- A certain fixed number of tweets are collected and are classified into different moods. The most predominant mood is declared as the mood of the world.

- A bar graph is plotted with moods and their percentages which can then be analysed to find values like happiness index, sadness index, etc.

- Graphs are plotted for a complete week to track the moods of people as the week progresses from the Mondays to the weekends.

Data

- For this, the data to be collected will be the tweets from a particular region using streaming api. In our application we will be using US as the location and English as the language.

- A total of 1000 tweets will be collected per day. Using these tweets we will get a representative sample.

- Only the text field of each tweet will be used.

- We will label some tweets according to the predefined mood categories.

Timeline

- 1. Code for data collection- 10/24/15

- 2. Data collection- 10/31/15

- 3. Representative sample for classification- 11/06/15

- 4. Code for detecting the mood of a region- 11/13/15

- 5. Collecting data for a week from Monday to Sunday- 11/21/15

- 6. Documentation- 11/27/15