**Final Project Idea**

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1. Main Idea: Twitter Crawler for Trends
   * Create a fully functional web page that describes different twitter hot topics at different countries or states at a time scale.

For example, we can see what people are thinking about over the past month

at different states.

* + User python web crawler to collect data from <https://www.twitter.com>

1. Research and properly cited data sources
   * Twitter apps creation

<http://apps.twitter.com>

* + Data Source: Twitter

<https://netlytic.org/home/?page_id=239>

* + Social Computing Data Repository at ASU

<http://socialcomputing.asu.edu/datasets/Twitter>

* + Send secure authorized requests to the Twitter API

<http://dev.twitter.com/oauth>

1. Research and properly cited Visualizations
   * Tweepy (A Python library for accessing the Twitter API)

<http://tweepy.readthedocs.io/en/v3.1.0/>

* + Twitter Data Analytics

<http://tweettracker.fulton.asu.edu/tda/>