**How to Run the Application:**

1. Add the application to your system by cloning the git repo to your local machine
   * Command Line Instructions:

$ git clone https://github.com/amkabatznick/MIDS-w205-summer-17-Course-Project.git

1. Run create\_database.py
   * This script builds the PostgressSQL databases where we will store our New York Times and Twitter data
2. Run the NYT\_API\_Parser.py
   * This script goes through each section of the New York Times data and parses the JSON data that is returned by the API, which is then stored in the database

**Requirements:**

* Git
* PostgressSQL
* New York Times Key
  + We need this to be able to interact with the NY Times API End Point
  + Requirements:
    - **Signup for an API Key here**: <https://developer.nytimes.com/signup>
      * Make sure you select the Top Stories API
    - **Export these keys to your system via the command line. This will enable them to be used by your application.**
      * **Command Line Instructions:**
        + $export NYTKey='Your NYT Key'
* Python Packagages:
  + Levenshtein Python
    - **Installation *Via Command Line***: $ pip install python-levenshtein
  + Tweepy
    - **Purpose:** This application in used to
    - **Installation *Via Command Line***: $ pip install tweetpy
    - **Additional Requirements:** 
      * + To utilize the Tweetpy api you need to set up a twitter app, which can be done using the following steps:

**Login to Twitter:** [**https://www.twitter.com**](http://www.twitter.com)

**Create New Twitter App:** [**https://apps.twitter.com/**](https://apps.twitter.com/)

**Click on Keys and Access Token and then Create My Access Token**

**Export these keys to your system via the command line. This will enable them to be used by your application.**

**Command Line Instructions:**

$export TWITTER\_CONSUMER\_KEY=“YourConsumerKey”

$export TWITTER\_CONSUMER\_SECRET=“YourConsumerSecret”

$export TWITTER\_ACCESS\_TOKEN=“YourAccessToken”

$export TWITTER\_ACCESS\_SECRET=“YourAccessSecret”