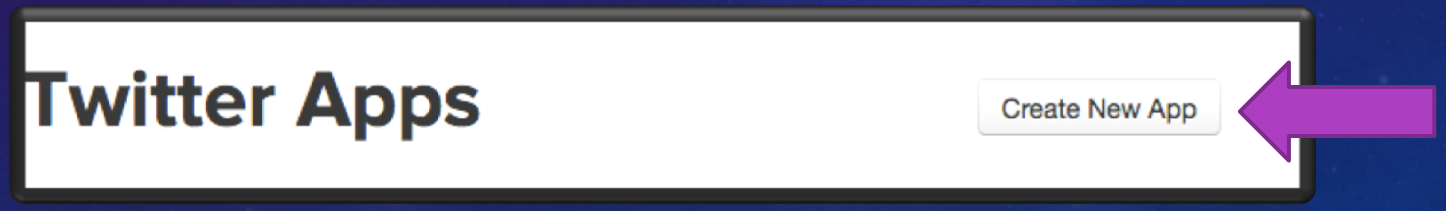
HOW TO SCRAPE DATA FROM TWITTER

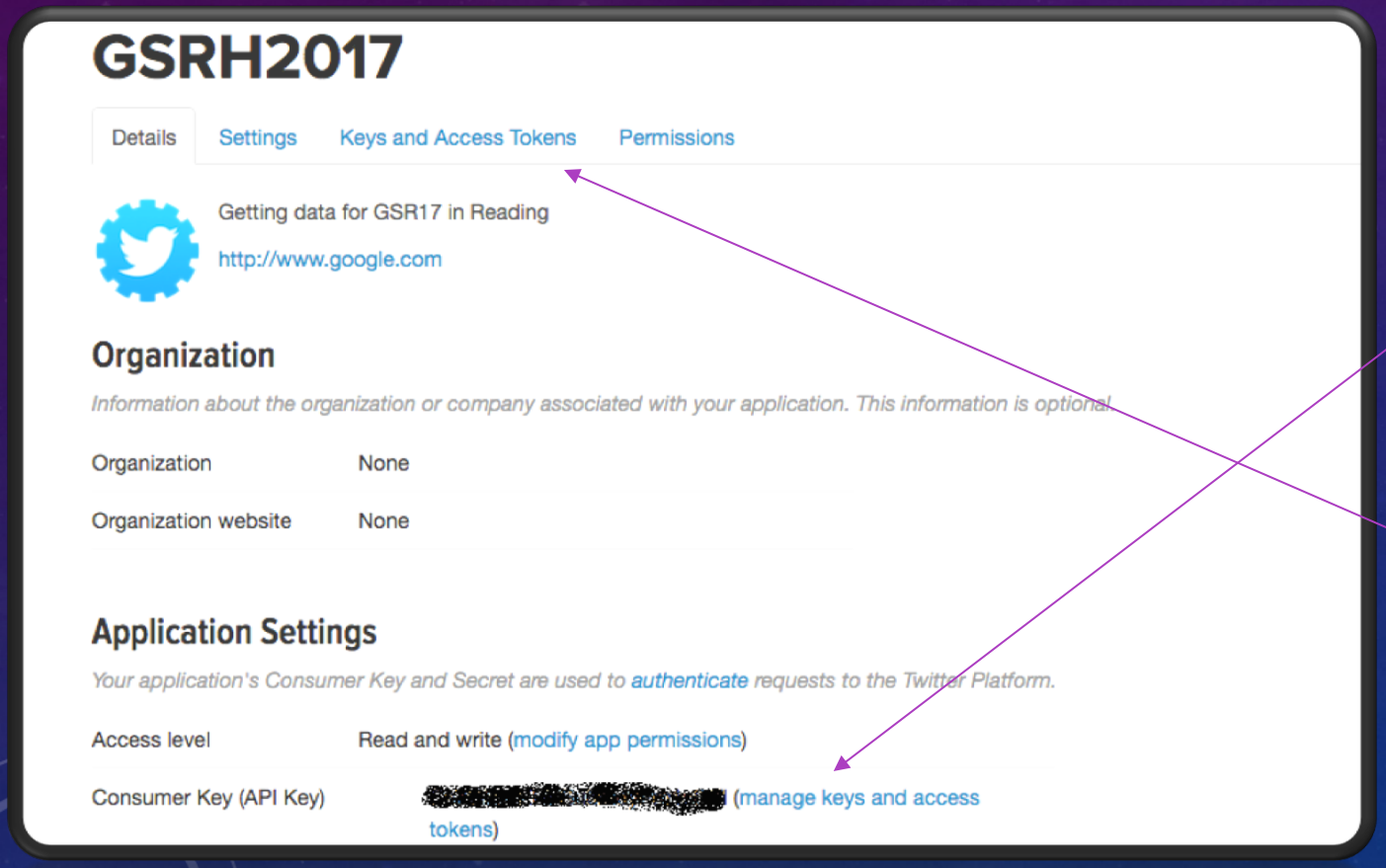
SMRGHACKATHON2017

GO TO HTTP://DEV.TWITTER.COM/APPS

- And create your twitter app!



GET YOUR CONSUMER / ACCESS TOKENS



- *The consumer keys can be found on your application's Details page*
  - *located at https://dev.twitter.com/apps (under "OAuth settings")*
- *The access tokens can be found on your applications's Details page*
  - *located at https://dev.twitter.com/apps (located under "Your access token")*

SEARCH:
GET SOME TWEETS WITH TWYTHON

```
import twython

consumer_key =    'INSERT_CONSUMER_KEY_HERE'
consumer_secret = 'INSERT_CONSUMER_SECRET_HERE'
access_token = 'INSERT_ACCESS_TOKEN_HERE'
access_token_secret = 'INSERT_ACCESS_TOKEN_KEY_HERE'

twitter = Twython(consumer_key, consumer_secret, access_token, access_token_secret)

geocode = '51.4543,-0.9781,30mi      #Reading LAT/LONG / RADIUS

user_timeline = twitter.search(q="vacancies",geocode=geocode, count=30)

for tweets in user_timeline["statuses"]:
    print (tweets["text"] + "\n")
```

STREAMING API: USE TWEEPY

Example code:

https://github.com/SMRGHackathon2017/TweetsScraping/blob/master/tweetstream.py

However:

- result is in JSON (Javascript Object Notation) format
- on the repository there is code to transform JSON to CSV if you want