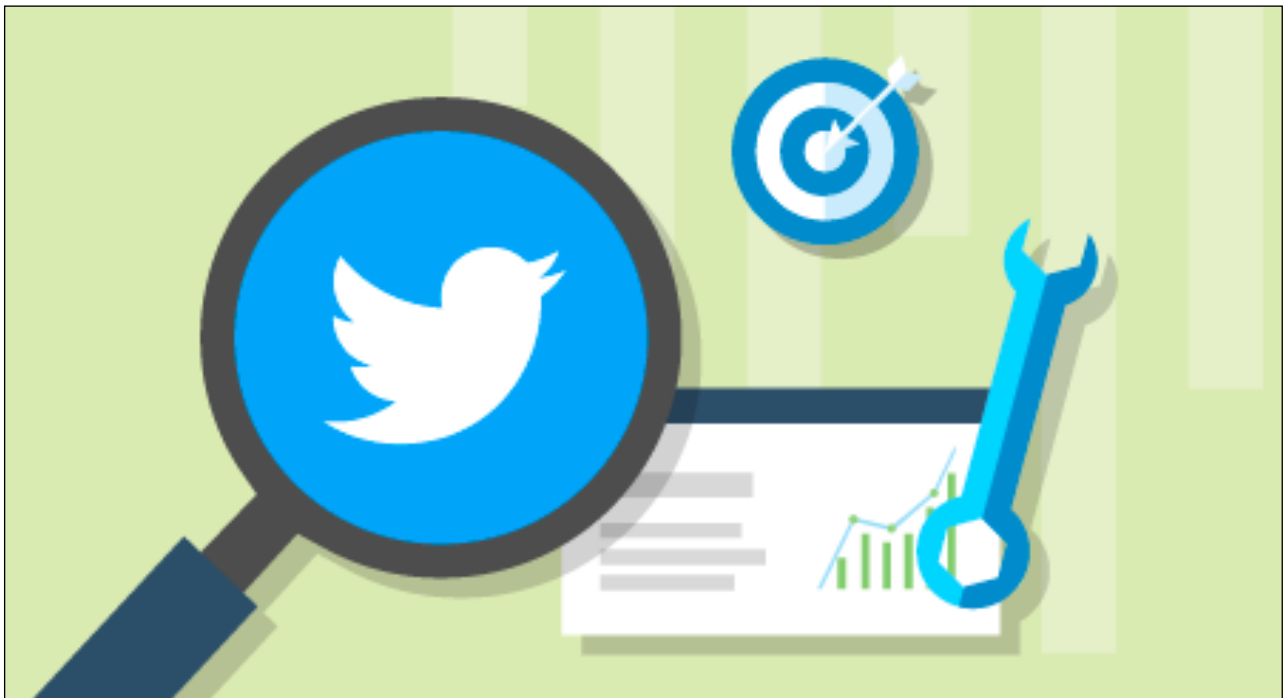

Twitter SentimentAnalysis

using NLTK, Python

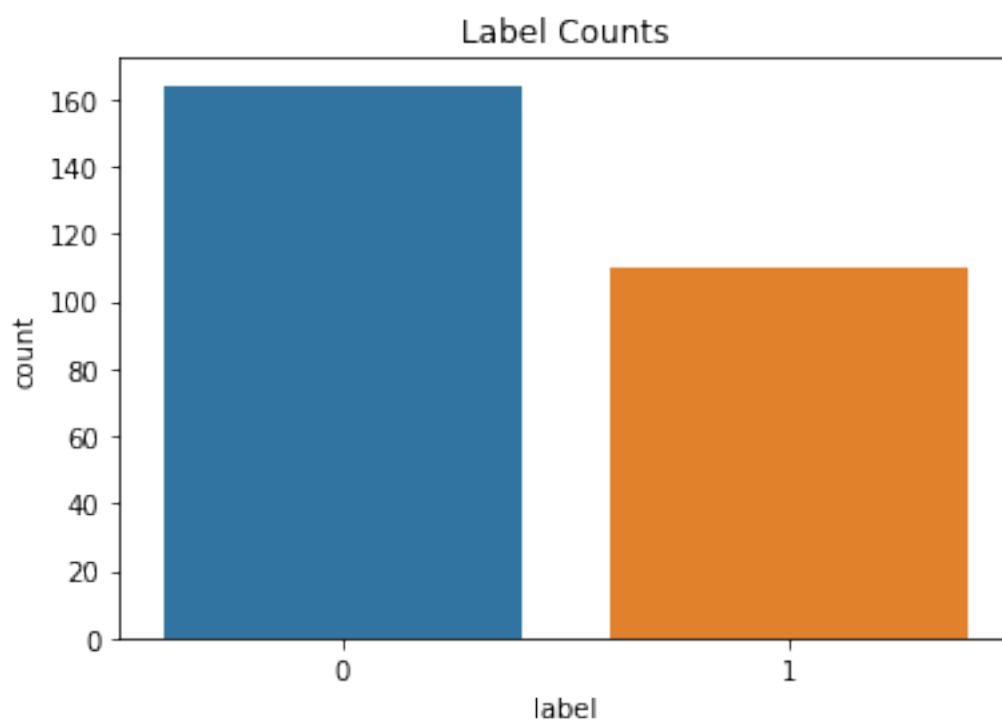
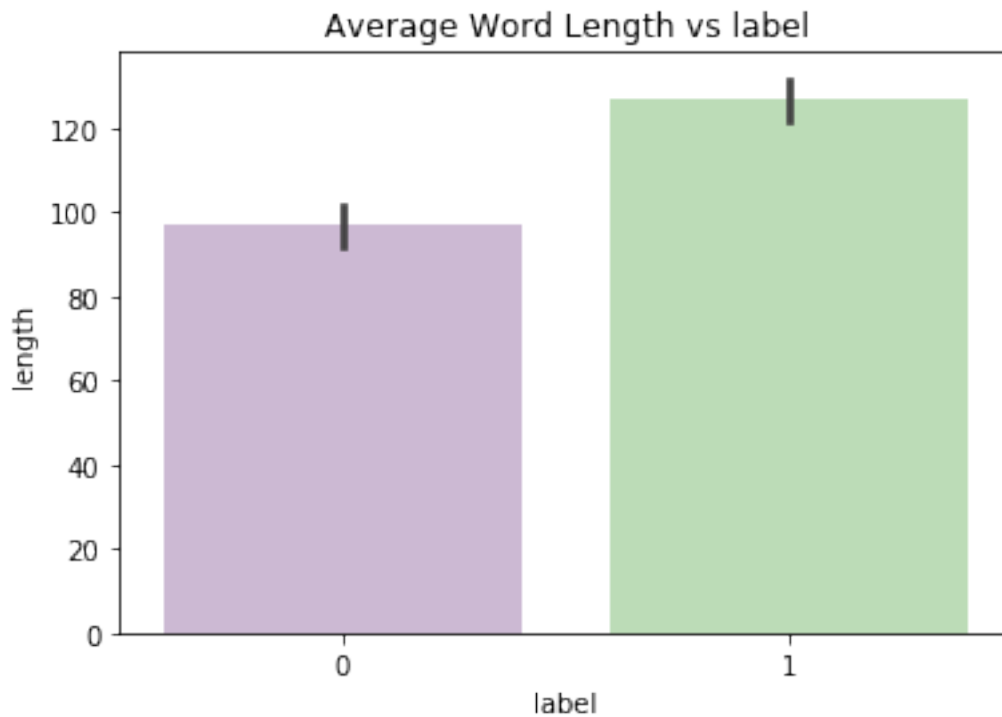
LIU, Yen-Fu - 11-DEC-2019



Code

Github: https://github.com/Waxpple/twitter_analysis

Result



Confusion matrix

	precision	recall	f1-score	support
0	0.92	0.85	0.89	41
1	0.65	0.79	0.71	14
accuracy			0.84	55
macro avg	0.78	0.82	0.80	55
weighted avg	0.85	0.84	0.84	55

```
[[35  6]
 [ 3 11]]
0.8363636363636363
```

Reference

Lab7, isep, Auto-composition - a0910618112@gmail.com - Gmail

<https://mail.google.com/mail/u/0/?tab=wm0#sent/>

FFNDWMknBLCXSGqwXqSLjTnsSkSTKMM?

compose=DmwnWrRmVgnqndfKpTddxtpJHwqjBQCtkGKnrbdTJdvHbDbSZfjDfcPNSTK
SjDNvkbqJZnGczTJg

IG.3510: welcome to this temporary forum

<https://moodle.isep.fr/moodle/mod/forum/discuss.php?d=328#p496>

NLP and NLTK 101

[https://moodle.isep.fr/moodle/pluginfile.php/20176/mod_resource/content/1/](https://moodle.isep.fr/moodle/pluginfile.php/20176/mod_resource/content/1/NLP%20and%20NLTK%20101.pdf)

NLP%20and%20NLTK%20101.pdf

Confirm Email — Twitter Developers

<https://developer.twitter.com/en/application/verification>

https://raw.githubusercontent.com/MohamedAfham/Twitter-Sentiment-Analysis-Supervised-Learning/master/Data/test_tweets.csv

https://raw.githubusercontent.com/MohamedAfham/Twitter-Sentiment-Analysis-Supervised-Learning/master/Data/test_tweets.csv

用 Python 寫個程式抓出我在 Twitter 上存了哪些 tweet | Just for noting

<https://blog.m157q.tw/posts/2017/12/22/write-a-python-script-to-retrieve-twitter-direct-messages/>

使用 NLTK 搭配 Twitter API 拿取社群資料：以川普的 Twitter 資料為例 - Youngmi huang - Medium

[https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-](https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-%E6%90%AD%E9%85%8D-twitter-api-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6)

[-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-](https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-%E6%90%AD%E9%85%8D-twitter-api-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6)

[-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-](https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-%E6%90%AD%E9%85%8D-twitter-api-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6)

[twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6](https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-%E6%90%AD%E9%85%8D-twitter-api-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6)

[twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6](https://medium.com/@cyeninesky3/%E4%BD%BF%E7%94%A8-nltk-%E6%90%AD%E9%85%8D-twitter-api-%E6%8B%BF%E5%8F%96%E7%A4%BE%E7%BE%A4%E8%B3%87%E6%96%99-%E4%BB%A5%E5%B7%9D%E6%99%AE%E7%9A%84-twitter%E8%B3%87%E6%96%99%E7%82%BA%E4%BE%8B-2bd493f452a6)

Untitled16.ipynb - Colaboratory

[https://colab.research.google.com/drive/1E9KuNICTZHC0lb9ErIjrw-](https://colab.research.google.com/drive/1E9KuNICTZHC0lb9ErIjrw-AdxcrWHP6s#scrollTo=lJklmgVu8AXR)

[AdxcrWHP6s#scrollTo=lJklmgVu8AXR](https://colab.research.google.com/drive/1E9KuNICTZHC0lb9ErIjrw-AdxcrWHP6s#scrollTo=lJklmgVu8AXR)

Twitter Developers

<https://developer.twitter.com/en/apps/17102365>

Untitled17.ipynb - Colaboratory

<https://colab.research.google.com/drive/1rmjHmfyQTjcCwDjzmBD4AwHjY2dKeAPi#scrollTo=k9mZmT9aPM9F>

Untitled18.ipynb - Colaboratory

https://colab.research.google.com/drive/1Lvu01BZzMF4RXwZ_HpOGGeXYQN-mtaD2m

python - Tweepy StreamListener to CSV - Stack Overflow

<https://stackoverflow.com/questions/38281076/tweepy-streamlistener-to-csv>

tweet customlistener url - Google 搜尋

[https://www.google.com/search?](https://www.google.com/search?q=tweet+customlistener+url&oq=tweet+customlistener+url&aqs=chrome..69i57.14658j1j4&sourceid=chrome&ie=UTF-8)

[q=tweet+customlistener+url&oq=tweet+customlistener+url&aqs=chrome..69i57.14658j1j4&sourceid=chrome&ie=UTF-8](https://www.google.com/search?q=tweet+customlistener+url&oq=tweet+customlistener+url&aqs=chrome..69i57.14658j1j4&sourceid=chrome&ie=UTF-8)

iCloud 版 Numbers 的鍵盤快速鍵 - Apple 支援

<https://support.apple.com/zh-tw/guide/numbers-icloud/gil466289a0b/icloud>

Twitter Sentiment Analysis using NLTK, Python - Towards Data Science

<https://towardsdatascience.com/twitter-sentiment-analysis-classification-using-nltk-python-fa912578614c>

twitter_analysis/LIUYENFU_twitter.pdf at master · Waxpple/twitter_analysis

https://github.com/Waxpple/twitter_analysis/blob/master/LIUYENFU_twitter.pdf