from \_\_future\_\_ import division

import urllib

import csv

from string import punctuation

files=['negative.txt','positive.txt','obama\_tweets.txt']

path='http://www.unc.edu/~ncaren/haphazard/'

for file\_name in files:

urllib.urlretrieve(path+file\_name,file\_name)

tweets = open("obama\_tweets.txt").read()

tweets\_list = tweets.split('\n')

pos\_sent = open("positive.txt").read()

positive\_words=pos\_sent.split('\n')

positive\_counts=[]

neg\_sent = open('negative.txt').read()

negative\_words=neg\_sent.split('\n')

negative\_counts=[]

for tweet in tweets\_list:

positive\_counter=0

negative\_counter=0

tweet\_processed=tweet.lower()

for p in list(punctuation):

tweet\_processed=tweet\_processed.replace(p,'')

words=tweet\_processed.split(' ')

word\_count=len(words)

for word in words:

if word in positive\_words:

positive\_counter=positive\_counter+1

elif word in negative\_words:

negative\_counter=negative\_counter+1

positive\_counts.append(positive\_counter/word\_count)

negative\_counts.append(negative\_counter/word\_count)

print len(positive\_counts)

output=zip(tweets\_list,positive\_counts,negative\_counts)

writer = csv.writer(open('tweet\_sentiment.csv', 'wb'))

writer.writerows(output)