```
import sqlite3
import numpy as np
import time
t0=time.time()

db = sqlite3.connect('data/thdb')
cursor = db.cursor()

punc = '!"#$%&\'()*+,-./:;<=>?@[\\]^_`{|}~’…—'
stopWordsNoP = ["rt","a","about","above","after","again","against","all","
am","an","and","any","are","arent","as","at","be","because","been","before"
,"being","below","between","both","but","by","cant","cannot","could","
couldnt","did","didnt","do","does","doesnt","doing","dont","down","during",
"each","few","for","from","further","had","hadnt","has","hasnt","have","
havent","having","he","hed","hell","hes","her","here","heres","hers","
herself","him","himself","his","how","hows","i","id","ill","im","ive","if",
"in","into","is","isnt","it","its","its","itself","lets","me","more","most"
,"mustnt","my","myself","no","nor","not","of","off","on","once","only","or"
,"other","ought","our","ours","ourselves","out","over","own","same","shant"
,"she","shed","shell","shes","should","shouldnt","so","some","such","than",
"that","thats","the","their","theirs","them","themselves","then","there","
theres","these","they","theyd","theyll","theyre","theyve","this","those","
through","to","too","under","until","up","very","was","wasnt","we","wed","
well","were","weve","were","werent","what","whats","when","whens","where","
wheres","which","while","who","whos","whom","why","whys","with","wont","
would","wouldnt","you","youd","youll","youre","youve","your","yours","
yourself","yourselves"]

def stopWordRemover (text, swords):
    return list(set([word for word in text.split() if word.lower() not in
swords]))

def linkRemover (text):
    return list(set([word for word in text.split() if not (word.lower().
startswith('www.') or word.lower().startswith('http'))]))

cursor.execute('''SELECT tweet, class FROM tweetsTest''')
testSet = cursor.fetchall()

trueHillary = 0
falseHillary = 0
trueTrump = 0
falseTrump = 0

for row in testSet:
    tweet = row[0]
    tweetNP = tweet.translate(str.maketrans("", "", punc))
    tweetNPSW = ' '.join(stopWordRemover(tweetNP, stopWordsNoP))
    testString = ' '.join(linkRemover(tweetNPSW))

    cHil = np.empty(0)
    cTru = np.empty(0)

    for word in testString.split():
        w = cursor.execute("SELECT EXISTS(SELECT 1 FROM wordsp WHERE word
 = ?)", (word,))
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37          if w.fetchone()[0]:
38              cursor.execute('''SELECT phil FROM wordsp WHERE word = ?''', (
    word,))
39              phil = cursor.fetchall()[0][0]
40              cHil = np.append(cHil, [phil])
41              cursor.execute('''SELECT ptru FROM wordsp WHERE word = ?''', (
    word,))
42              ptru = cursor.fetchall()[0][0]
43              cTru = np.append(cTru, [ptru])
44
45      cHil = np.prod(cHil)
46      cTru = np.prod(cTru)
47
48      chances = np.array([cHil, cTru])
49      max = chances.max()
50      if max == cHil:
51          if str(row[1]) == "HillaryClinton":
52              trueHillary +=1
53          elif str(row[1]) == "realDonaldTrump":
54              falseHillary +=1
55      elif max == cTru:
56          if str(row[1]) == "realDonaldTrump":
57              trueTrump += 1
58          elif str(row[1]) == "HillaryClinton":
59              falseTrump += 1
60      else:
61          print("Something is seriously wrong!")
62          print("Label was "+str(row[1]))
63
64 print("trueHillary = "+str(trueHillary))
65 print("falseHillary = "+str(falseHillary))
66 print("trueTrump = "+str(trueTrump))
67 print("falseTrump = "+str(falseTrump))
68
69 accuracy = (trueHillary+trueTrump)/(trueHillary+trueTrump+falseHillary+
    falseTrump)
70 print(accuracy)
71
72 db.close()
73 t1 = time.time()
74 print("Total time: "+str(t1-t0))
```