```
import json
import os
import sqlite3
import time
t0=time.time()

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

cursor.execute('''CREATE TABLE IF NOT EXISTS tweetsTest(id INTEGER PRIMARY KEY, tid INT, tweet TEXT, tweetNP TEXT, tweetNPSW TEXT, class TEXT)''')

db.commit()

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'))]))

for jsonFilename in os.listdir('dumpKaggleTest'):
    with open("dumpKaggleTest\\"+jsonFilename) as json_file:
        data = json.load(json_file)
        tid = data["id"]
        classOf = data["handle"]
        tweet = data["text"].lower()
        tweetNP = tweet.translate(str.maketrans("","", punc))
        tweetNPSW = ' '.join(stopWordRemover(tweetNP, stopWordsNoP))
        tweetNPSW = ' '.join(linkRemover(tweetNPSW))

        cursor.execute('''INSERT INTO tweetsTest(tid, tweet, tweetNP, tweetNPSW, class) VALUES(?,?,?,?,?)''',
                       (tid, tweet, tweetNP, tweetNPSW, classOf))
db.commit()
```

```
36 db.close()
37 t1 = time.time()
38 print("Total time: "+str(t1-t0))
39 print("Test finished")
```