

```
In [1]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
%matplotlib inline
```

```
In [2]: import re
import nltk
nltk.download('punkt')
nltk.download('wordnet')

from nltk.corpus import stopwords
from nltk.stem.porter import PorterStemmer
from nltk.stem import WordNetLemmatizer
from nltk import word_tokenize

[nltk_data] Downloading package punkt to
[nltk_data] /Users/lakshmi_shetty/nltk_data...
[nltk_data] Package punkt is already up-to-date!
[nltk_data] Downloading package wordnet to
[nltk_data] /Users/lakshmi_shetty/nltk_data...
[nltk_data] Package wordnet is already up-to-date!
```

```
In [3]: data=pd.read_json("http://ist.gmu.edu/~hpurohit/courses/ait690-proj-data-spring17.json")
data.head()
```

Out[3]:

	DATETIME	DOCUMENT_ID	LATITUDE	LONGITUDE	MESSAGE
0	2012-10-30 22:15:41	263403828328665088	37.4777	-122.223	@Zuora wants to help @Network4Good with Hurric...
1	2012-11-01 23:11:04	264142543883739136	36.7783	-119.418	@ztrip please help spread the good word on hel...
2	2012-11-04 16:07:02	265122997348753408	10000.0000	10000.000	#ZSwaggers @Zendaya96 did this,you should too-...
3	2012-11-05 17:04:19	265499798952628224	10000.0000	10000.000	@Zendaya96 u have inspired me girl! So can eve...
4	2012-11-04 18:41:56	265161977662435328	10000.0000	10000.000	"@Zendaya96 let's help the Hurricane Sandy vi...

```
In [4]: data.isnull().any()
```

```
Out[4]: DATETIME      False
DOCUMENT_ID    False
LATITUDE       False
LONGITUDE      False
MESSAGE        False
dtype: bool
```

```
In [5]: data["LATITUDE"]=data["LATITUDE"].replace(10000.0000,0)
data["LONGITUDE"]=data["LONGITUDE"].replace(10000.0000,0)
```

```
In [6]: mean_latitude=data["LATITUDE"].mean()
mean_latitude
```

```
Out[6]: 22.535964570972713
```

```
In [7]: mean_longitude=data["LONGITUDE"].mean()
mean_longitude
```

```
Out[7]: -46.63928404976049
```

```
In [8]: data["LATITUDE"]=data["LATITUDE"].replace(0,mean_latitude)
data["LONGITUDE"]=data["LONGITUDE"].replace(0,mean_longitude)
```

```
In [9]: data["LONGITUDE"].head()
```

```
Out[9]: 0    -122.223000
1    -119.418000
2    -46.639284
3    -46.639284
4    -46.639284
Name: LONGITUDE, dtype: float64
```

```
In [10]: data["LATITUDE"].head()
```

```
Out[10]: 0    37.477700
         1    36.778300
         2    22.535965
         3    22.535965
         4    22.535965
         Name: LATITUDE, dtype: float64
```

```
In [11]: new_dates, new_times = zip(*[(d.date(), d.time()) for d in data["DATETIME"]])
         data = data.assign(DATE=new_dates, TIME=new_times)
```

```
In [12]: data.head()
```

```
Out[12]:
```

	DATETIME	DOCUMENT_ID	LATITUDE	LONGITUDE	MESSAGE	DATE	TIME
0	2012-10-30 22:15:41	263403828328665088	37.477700	-122.223000	@Zuora wants to help @Network4Good with Hurric...	2012-10-30	22:15:41
1	2012-11-01 23:11:04	264142543883739136	36.778300	-119.418000	@ztrip please help spread the good word on hel...	2012-11-01	23:11:04
2	2012-11-04 16:07:02	265122997348753408	22.535965	-46.639284	#ZSwaggers @Zendaya96 did this,you should too-...	2012-11-04	16:07:02
3	2012-11-05 17:04:19	265499798952628224	22.535965	-46.639284	@Zendaya96 u have inspired me girl! So can eve...	2012-11-05	17:04:19
4	2012-11-04 18:41:56	265161977662435328	22.535965	-46.639284	"@Zendaya96 let's help the Hurricane Sandy vi...	2012-11-04	18:41:56

```
In [13]: def decontracted(phrase):
    phrase = re.sub(r"n't", " not", phrase)
    phrase = re.sub(r"'re", " are", phrase)
    phrase = re.sub(r"'s", " is", phrase)
    phrase = re.sub(r"'d", " would", phrase)
    phrase = re.sub(r"'ll", " will", phrase)
    phrase = re.sub(r"'t", " not", phrase)
    phrase = re.sub(r"'ve", " have", phrase)
    phrase = re.sub(r"'m", " am", phrase)
    return phrase
```

```
In [14]: def remove_characters(sentence):

    y=sentence.split(" ")
    #    print(y)
    list2=[]
    for i in y:
        i=i.lower()
        if re.search('[^a-zA-Z0-9.$]',i):
            pass
        else:
            list2.append(i)
    #    print(list2)
    x=" ".join(list2)
    return x
```

```
In [15]: # sentence="@Zuora wants to help @Network4Good with Hurric"
# x=remove_characters(sentence)
# print(x)
```

```
In [16]: from autocorrect import spell
```

```
In [17]: def url(msg):
    msg= re.sub(r'w+:\/{2}[\d\w-]+(\.[\d\w-]+)*(?:\/[\^s/]*))*', '', msg)
    return msg
```

```
In [18]: def Remove_len_two_words(msg):
    msg= re.sub(r'\b\w{1,2}\b', '', msg)
    return msg
```

```
In [19]: ps = PorterStemmer()
         lemmatizer = WordNetLemmatizer()
         stwords = stopwords.words('english')
         stwords.remove('not')
         stwords.remove('no')
```

```
In [20]: d=data["MESSAGE"]
         d.head()
```

```
Out[20]: 0    @Zuora wants to help @Network4Good with Hurric...
         1    @ztrip please help spread the good word on hel...
         2    #ZSwaggers @Zendaya96 did this,you should too-...
         3    @Zendaya96 u have inspired me girl! So can eve...
         4    ''@Zendaya96 let's help the Hurricane Sandy vi...
         Name: MESSAGE, dtype: object
```

```
In [21]: corpus=[]
         for i in range(0,len(d)):
             msg=d[i]
             msg= decontracted(msg)
             msg=msg.lower()
             msg=remove_characters(msg)
             msg=url(msg)
             msg=word_tokenize(msg)
             msg= [j for j in msg if j.isalpha()]
             msg = [ps.stem(word) for word in msg if not word in set(stwords)]
             msg = [lemmatizer.lemmatize(word, pos= "a") for word in msg ]
             msg=[spell(k) for k in msg]
             msg= [Remove_len_two_words(l) for l in msg]
             msg = ' '.join(msg)
             corpus.append(msg)
```

```
In [22]: corpus
```

```
Out[22]: ['want help hurricane relief text Sandi donat',
'pleas help spread good word help victim hurricane Sandi',
'convoy send hurricane Sandi relief',
'inspire everyone pleas donat hurricane Sandi convoy not want',
'let help hurricane Sandi donat goe relief syria',
'help hurricane Sandi victim text convoy donat pleas',
'help hurricane Sandi text convoy spread world',
'help hurricane Sandi victim text convoy donat goe relief effort',
'person discount code help hurricane relief effort',
'help donat american red cross hurricane Sandi relief effort text recross',
'already phone affect',
'text donat hurricane relief fund visit',
'send hurricane Sandi relief supply via amazon wish',
'use Ithun support hurricane Sandi relief',
'use Ithun support hurricane Sandi american red cross',
'donat american red cross via Ithun money rais goe arc help hurricane Sandi survivor',
'help hurricane Sandi relief donat jewish fever north america',
'help text red cross',
'help affect hurricane Sandi text recross donat bill cell phone',
'drop donat hurricane victim main promote booth see item need',
'donat via cellphone text word recross aid victim hurricane Sandi',
'also text word recross donat hurricane Sandi victim',
'airline reward custom donat hurricane Sandi relief',
'help affect',
'pleas hurricane Sandi relief monmouth pleas hurr',
'wow not realize bad hurricane donat dollar help text recross',
'would like help effect hurricane cane',
'work red cross center stop donat hurricane Sandi',
'wonder help hurricane take look',
'wonder help hurricane ',
'wryer want top help people cope hold blood drive today',
'wish help affect hurricane text recross donat american dikast relief pleas',
'pleas call volant talant city hurricane relief effort',
'send heartless text message help hurricane Sandi simple buy hurricane Sandi relief shirt',
'shop benefit hurricane Sandi relief',
'class help victim hurricane etc franklin common center',
'everyone text red cross donat hurricane Sandi relief',
'collect special offer tomorrow orchard group assist hurricane Sandi relief',
'reach help collect good victim hurricane Sandi know collect pleas share',
'want host family event benefit hurricane relief effort anyon will donat space exchange ton',
'update blog use resource hurricane Sandi relief effort pleas comment',
'wedset product tri drive help ppl involve hurricane Sandi look',
'tri help help victim hurricane Sandi',
```

'take donat wednesday hurricane Sandi relief coast',
'send posit thought family affect hurricane want help',
'donat week red cross help victim hurricane shop till sunday ',
'need volant hurricane Sandi help help anyon sign fulton street lobby',
'rais money USOC champ weekend great job jen contra make happen',
'put fundraise diabeta kid hold hurricane Sandi crisis control help ',
'encourage help hurricane relief effort info',
'encourage everyone help affect aftermath hurricane Sandi friend unit way',
'encourage member follow consed donat hurricane Sandi relief mani',
'would like cordial invite charity event victim hurricane Sandi host close friend',
'continue keep affect hurricane Sandi thought red cross alway great place',
'hurricane Sandi relief info',
'donat hurricane Sandi relief american hit hard',
'unit chain help victim hurricane text convoy donat',
'collect food clean supply victim hurricane cometh donat',
'collect donat victim hurricane pleas drop offic thank',
'collect donat hurricane Sandi victim food winter coat pale into stone',
'collect water hurricane victim Sandi start friday sunday night',
'need help distress hurricane Sandi via red cross salat army cours prayer',
'close hope text recross donat hurricane',
'way help hurricane Sandi american red text recross',
'help hurricane Sandi text',
'watch live Jon bon Jovi mani other rais money victim hurricane',
'watch telethon hurricane Sandi relief NBC donat relief',
'watch hurricane Sandi relief benefit concert help rais money',
'watch hurricane relief benefit concert fund rais toward dikast relief',
'thing people need hurricane victim need supply',
'come benefit victim tweet storm relief effort',
'watch live noon abc coverage central pennsylvania food bank hurricane Sandi relief',
'Sandi come touch donat help affect',
'watch NBC hurricane Sandi relief concert pretty power pleas text recross donat dollar',
'watch hurricane Sandi special sad people pleas donat red cross gave buck little bit',
'watch hurricane come together people dire strait donat text red cross pleas help',
'watch hurricane come together text red cross donat red cross',
'watch hurricane come together every bit help text recross make simple donat',
'watch hurricane Sandi come together telethon pleas join donat help red cross relief effort',
' tomorrow man phone Sandi relief fund',
'want volant help',
'want know help pet hurricane list resource get start',
'want help hurricane text convoy give dikast response EASI',
'want help victim hurricane txt recross ',
'want help victim hurricane get cold',
'want help affect hurricane shop eat support main mom pop shop',

'want help affect hurricane one place',
'want help victim hurricane make donat red cross detail',
'help victim hurricane Sandi well get jane Austen fix buy',
'want help recovery effort hurricane response donat mucor relief',
'want text recross donat hurricane Sandi relief pleas help ',
'want help people affect hurricane donat red',
'want help victim hurricane red cross',
'want help hurricane Sandi check city harvest website make donat',
'help directly hurricane Sandi relief heather',
'want family affect hurricane start fundraise show',
'want donat victim match every penni donat',
'want donat hurricane check list charity make',
'want donat volant time hurricane whole bunch resource',
'wan help affect hurricane check new metropolis resort blog help',
'volant need hurricane Sandi canal Hester organ much need relief effort',
'volant red cross help hurricane Sandi relief bought ton zorbeez soak flood street',
'visit donat portion book hurricane relief effort',
'visit CNN impact world inform best way help hurricane victim volant cleanup effort',
'visit american red cross way donat volant help people affect hurricane Sandi new',
'veteran hurricane Sandi endless upcome event',
'hard watch victim hurricane Sandi text recross donat',
'other support hurricane Sandi relief effort directly ',
'use Ithun donat american red cross hurricane Sandi relief effort',
'update blog appl enable hurricane Sandi red cross donat Ithun ',
'unit way hurricane Sandi recovery red cross',
'unit way hurricane Sandi relief every help',
'unit way help affect hurricane Sandi',
'donat relief via',
'volant hurricane relief effort without sound like dick',
'txt recross help hurricane Sandi victim pleas spread word awesome',
'txt recross donat victim hurricane donat reput organ',
' event help hurricane Sandi print pic bring',
'twitter follow race charity follow hurricane Sandi relief fundraise saturday',
'give red cross help devast hurricane Sandi',
'tweet tim Keller wisdom hurricane Sandi relief would like',
'tune wednesday thursday waxworm radio help hurricane Sandi relief',
'NBC live benefit telethon hurricane Sandi victim',
'truck blains Alexandr dealership accept donat hurricane Sandi victim today',
'trivia night benefit hurricane Sandi relief effort',
'support victim yabu event donat portion prove relief fund',
'top story hurricane Sandi cancel blood help huffington post',
'tonight offer top shelf open bar goe hurricane Sandi relief',
'tonight watch telethon help victim hurricane Sandi donat',

'tomorrow game make sure carpool bring item donat hurricane victim GCC',
'tomorrow day give abc hurricane Sandi relief pleas give',
'make donat unit way hurricane Sandi recovery text recovery',
'help hurricane text recross donat',
'help victim hurricane sandytxt recross visit people',
'help devast hurricane lack bare tri pathol relief',
'help affect hurricane Sandi visit call text recross',
'help north east coast recon damage caus hurricane ippon user donat red cross use',
'help aid hit hurricane Sandi pleas donat american red cross',
'part help impact hurricane contribute red cross join ',
'help affect hurricane Sandi find via',
'today donat hurricane relief',
'make differ hurricane',
'twitcher donat victim hurricane Sandi today water etc',
'old auction benefit hurricane Sandi relief effort via',
'time donat hurricane Sandi relief blog via',
'auction underway game tonight rais help victim hurricane Sandi',
'prayer affect hurricane Sandi text word make',
'thought prayer everyone affect visit lot use inform stay safe guy',
'thought prayer impact hurricane Sandi red cross rais fund pleas donat',
'thought prayer everyone still suffer aftermath hurricane text recross donat thank',
'affect hurricane Sandi thought prayer help help',
'donat make donat hurricane Sandi relief via Ithun',
'wednesday hold hurricane relief class sign prove help relief effort',
'shot last summer Sandi hit fund hurricane relief pleas help',
'mon CVR ent set hurricane Sandi relief could donat rais million',
'love NYC wish hometown speed text help hurricane Sandi',
'first charity fundraise event hurricane Sandi relief pleas spread word',
'Haddonfield benefit hurricane Sandi relief shoot big score',
'Kroger help hurricane Sandi victim local food bank pleas thank',
'friday night come darb fundraise support hurricane relief',
'think affect hurricane Sandi donat text recross generous effort make differ',
'tri help motive people help could look pass',
' card even help victim hurricane pleas give via',
'lot question come help victim told',
'red cross accept donat hurricane Sandi relief support effort donat text recross',
'picture seen jersey shore get destroy hurricane Sandi devast need helper like donat',
'paramount strong island hurricane Sandi relief concert feature script ',
'learn good get support hurricane Sandi relief',
'found collect donat hurricane Sandi relief',
'image hurricane Sandi done bring tear eye help affect pleas people need help',
'hurricane Sandi telethon still help donat relief effort',
'hurricane Sandi bundle end donat get awesome ',

'theglambar accept donat victim hurricane stop drop can',
'pleas text red cross help affect hurricane',
'devast hurricane horrible make sure afford donat american red cross',
'destruct caus hurricane Sandi tragic help donat red cross',
'damage hurricane pleas help',
'six way help hurricane victim',
'church elect still power help help victim hurricane Sandi support goe directly victim',
'canadian pocul citizen every donat hurricane relief fund imagine differ old make',
'blood drive extend ballroom help affect red cross need',
'american red cross need two thing assist aftermath hurricane monetary donat',
'line charity shirt victim hurricane Sandi',
'thank broadcast live hurricane relief call make',
'thank help rais fund hurricane Sandi relief effort donat',
'thank collect donat red cross begin victim hurricane',
'text help victim superstore arkansas resid see devast hurricane Sandi',
'word donat dikast relief hurricane',
'text word response give dimmed donat hurricane dikast response article',
'text donat hurricane relief thank campaign',
'text recross donat help victim hurricane Sandi every dollar',
'make donat help victim hurricane Sandi amon guy',
'text recross make donat help devast hurricane live turn dream',
'text recross make donat help victim hurricane princess command',
'text recross make every little bit help effect hurricane',
'text recross make donat hurricane Sandi relief',
'text recross help victim hurricane Sandi move show tonight',
'donat EASI hurricane Sandi relief simple way help thousand',
'text recross donat red cross help hurricane victim',
'text recross donat red cross hurricane Sandi relief',
'text recross donat relief',
'text recross donat hurricane Sandi relief effort visit every',
'donat hurricane Sandi victim charge phone',
'text recross donat hurricane relief',
'donat help recovery hurricane',
'text recross donat american red cross dikast help affect hurricane Sandi',
'text recross donat text donat give toward hurricane Sandi dikast relief',
'text donat hurricane Sandi relief',
'text recross donat everyone effect hurricane Sandi every penni count',
'text recross donat instantly help hurricane Sandi relief',
'text recross donat victim hurricane',
'text mobil phone dollar donat help victim hurricane',
'text recross make donat affect hurricane Sandi',
'text recross phone donat next phone bill hurricane dikast rely',
'text red cross hurricane Sandi',

'text recross donat red help relief effort eastcoast also donat',
'text recross instantly donat help hurricane Sandi dikast make feel',
'text recross donat recovery effort',
'text recross donat help people whose live devast hurricane Sandi',
'donat help fellow american affect hurricane Sandi',
'text recross donat canadian help people affect hurricane',
'text hope help hurricane relief',
'text hope donat nazarene compassion ministry hurricane Sandi response',
'word donat victim hurricane Sandi strawberry square',
'text recross send donat hurricane Sandi victim need help pleas between',
'text recross help hurricane victim ten dollar',
'text help hurricane relief directly red cross',
'telethon benefit hurricane Sandi victim',
'ted Rossi collect avail portion prove benefit red Sandi',
'american red cross donat accept Ithun hurricane Sandi ',
'way geek help hurricane Sandi relief',
'policy union hold cloth drive hurricane victim',
'pleas text recross make donat hurricane Sandi thank',
'take moment open pocket donat victim hurricane Sandi talant city',
'volant hurricane relief new hope baptist church coordain effort call',
'portion prove also hurricane Sandi relief present american red cross check',
'great way help victim hurricane fundraise sale red cross',
'Ithun accept donat hurricane Sandi home',
'survive boutique hold cloth drive victim hurricane Sandi people need',
'support victim hurricane every album sold donat red',
'support hurricane relief concert station txt recross donat',
'support effort via help woman lost hurricane Sandi',
'support hurricane Sandi relief effort bid great vip expert',
'support hurricane Sandi relief american red american salat army',
'support hurricane Sandi relief effort eBay Paypal',
'support relief unit airline let donat help victim hurricane Sandi',
'super storm Sandi left devast wake follow link would like help hurricane',
'student active collect hurricane Sandi',
'stop remind everyone help victim hurricane Sandi donat red cross',
' help survivor',
'still time support train hope hurricane Sandi relief effort new donat',
'earn tonight new york knick game donat hurricane Sandi said',
'Staten island hurricane Sandi relief drive union pool today Williamsburg accept donat til',
'startup Ithun accept red cross donat hurricane Sandi wednesday made',
'start accept donat proved relief effect hurricane Sandi info',
'sponsor family hurricane Sandi relief effort',
'spirit give benefit victim family affect hurricane Sandi',
'hurricane Sandi relief want donat stuff actual',

'donat hurricane Sandi relief text recross tweet',
'spare new Gucci wallet match belt donat red cross hurricane aid ',
'MTV launch hurricane Sandi relief effort call feature cast fund help',
'way help victim hurricane Sandi ',
'way help hurricane relief effort',
'dud ask give text recross donat help hurricane Sandi victim',
'awesome kid set hot cocoa hurricane relief stand smith south Carrol rais dough red cross',
'donat hurricane Sandi Sandi cripple east coast new yor',
'sign donat blood help victim hurricane',
'signal call plu size cloth donat hurricane Sandi relief',
'pleas text recross donat help affect hurricane Sandi',
'show hurricane vital skin donat use refer',
'show support hurricane Sandi relief effort Purchas hurricane cocktail one',
'shop give back hurricane Sandi shop help',
'necklace ear prove donat hurricane Sandi relief',
'shop coveter shoppabl today prove hurricane Sandi',
'fan call donat victim hurricane',
'set said polit parti pleas help victim hurricane Sandi whaten',
'sent donat help hurricane Sandi',
'send hurricane Sandi relief zaarli',
'send text right word recross donat help victim hurricane exxon mean',
'see help hurricane Sandi relief',
'fix URL pleas call volant assist talant city hurricane relief effort weekend',
'seaside height got hit hard hurricane Sandi give red cross help',
'searsuck Scottsdale donat sale today fri hurricane relief hometown mani',
'scan code donat hurricane Sandi relief',
'proved relief text hurricane donat reply visit',
'pleas donat aid hurricane Sandi',
'pleas donat donat help victim hurricane Sandi also ',
'wish donat red cross hurricane Sandi amazon take donat safe secure',
'watch hurricane Sandi benefit concert pleas help donat help affect hurricane Sandi',
'text recross make donat help victim hurricane Sandi',
'text recross donat hurricane relief watch sister station',
'text recross donat hurricane relief',
'text recross contribute relief devast hurricane',
'text recross donat hurricane effort',
'EASI donat help hurricane Sandi folk Ithun',
'donat american red cross help hurricane Sandi relief effort',
'right help victim affect hurricane donat',
'pleas text recross donat east coast devast hurricane call',
'between Ithun store donat recross hurricane Sandi',
'donat red cross send much need relief wake hurricane',
'donat help victim hurricane Sandi',

'let make differ help country hurricane give donat text recross',
'donat red cross hurricane Sandi victim pleas help poor text recross',
'EASI donat help affect hurricane Sandi text recross',
'fundraise help victim hurricane devast need help',
'everyone watch telethon hurricane Sandi',
'come together help affect hurricane Sandi donat',
'bruce Springsteen text recross donat help hurricane victim',
'chamber commerce attempt rais money victim hurricane Sandi via',
'Ryan hurricane Sandi relief also watch scam',
'run victim hurricane Sandi Brittney kleinfelt fundraise crowds',
' update inform donat drive hurricane Sandi victim',
' donat hurricane Sandi victim text convoy would not want ',
' hey text word convoy donat hurricane Sandi relief',
' puggi bank swagger give money get text convoy send hurricane Sandi',
' everyone text hope donat let show victim hurricane Sandi not Alon',
' convoy great organ dikast relief hurricane text convoy',
' thought affect hurricane Sandi make donat help dikast',
'ask pleas consed hit cell help hurricane Sandi victim send make',
' help hurricane Sandi',
' sponsor blood drive help replenish supply hurricane Sandi friday manhattan',
' pitcher greet fan donat item hurricane Sandi relief effort tomorrow yankee stadium gate',
' help support affect hurricane Sandi come together live benefit concert tonight big screen',
' help victim hurricane new jersey donat hurricane Sandi new jersey relief',
' help hurricane victim NYC text nycfund donat mayor fund advance NYC',
' make donat help victim hurricane Sandi pleas call donat text',
' want help victim hurricane volant donat',
'aid effect hurricane txt donat call',
' way help victim hurricane usa ',
' bake sale foster prove donat hurricane victim',
' help affect hurricane Sandi detail',
' help survivor hurricane suggest finance contribute give blood way ',
' reliable place make donat affect hurricane Sandi red cross',
' contribute text recross contribute hurricane relief effort ',
' look help hurricane Sandi victim pleas check unit way impact site link',
' donat british red cross hurricane Sandi appeal text Sandi ply ',
' class min goe hurricane Sandi relief effort',
' thrasher skateboard magazine help hurricane Sandi victim',
' help proved support affect hurricane Sandi text recross make',
' campaign underway assist hurricane relief effort',
' text recross make donat hurricane Sandi every',
' gent pleas make donat latish hurricane Sandi relief fund via',
' not effect way help hurricane Sandi survivor',
' recon heal hurricane relief fund donat use',

' student union accept donat victim hurricane Sandi new york new jersey',
' weekend sale beauti new alarmist pro app hurricane relief',
' pleas help support victim visit text restore ',
' student active help victim hurricane Sandi relief drive support org donat http',
' help affect hurricane Sandi bring case water tonight game receive free ticket',
' support hurricane Sandi relief effort donat online txt recross make',
' goe directly hurricane Sandi goe keep red cross ',
' help NYC restaur industry recovery eat',
' pleas help affect hurricane Sandi visit text recross ',
' support red hurricane relief',
' still donat help hurricane victim',
' need know help hurricane Sandi victim',
' volant offline online help affect hurricane',
' help affect hurricane Sandi pleas text recross peas ',
' help victim hurricane Sandi',
' help great artist hurricane relief print avail bought mine',
' remind text red cross donat dikast relief love affect hurricane Sandi',
' every donat help victim hurricane',
' help back strong ever donat help common give finger hurricane Sandi',
' visit text recross help affect hurricane Sandi',
' help help jersey shore hurricane Sandi MTV put seaside height map Mond',
' ply donat hurricane Sandi victim text convoy ',
' victim hurricane Sandi need donat text recross donat',
' every donat injury hurricane Sandi',
' broke like want help hurricane Sandi stuff donat Aimil red cross',
' hurricane Sandi text recross donat red cross dikast storm donat',
' raffe jim beam guitar tomorrow night red cross hurricane relief fund value',
' want donat help hurricane check opportune offer',
' popsci scientist look volant snag sample hurricane safe area http',
' contribute ssw Sandi relief fund help red cross bring aid affect hurricane',
' today nation day give pleas donat american red hurricane Sandi',
' still look help hurricane Sandi way donat',
' help hurricane',
' hurricane Sandi relief benefit concert tonight help rais money',
' american red cross pin hurricane Sandi donat text recross',
' join tap house grill rais money red cross hurricane Sandi relief effort',
' help victim hurricane Sandi donat text recross',
' hurricane Sandi led shortfall blood platelet call cross see give blood',
' great content strategi mobil launch sale today donat aid hurricane',
' squishabl corgi sold till donat red cross hurricane',
' help red cross proved assist affect dikast like hurricane Sandi',
' collect donat hurricane Sandi shop hurricane vital donat',
' resid help hurricane victim donat cloth food',

' help hurricane victim text live dona',
' author launch auction hurricane Sandi relief effort',
' donat brought hurricane Sandi relief warehouse new york contain termin western ave',
' help display anim affect hurricane',
' shop swarovski prove american dikast relief help affect hurricane Sandi',
' kind alway text recross donat aid hurricane Sandi relief effort',
' woman white house avail portion prove hurricane Sandi relief http',
' shell motive support red cross hurricane Sandi relief rebuild effort find ',
' twitter common tweet donat help victim hurricane Sandi help recross',
' pleas help help affect hurricane',
' red cross need hurricane relief text recross make donat pleas join make ',
' honor world champion make donat hurricane Sandi relief',
' well fargo accept atm donat hurricane victim',
' NYC look volant help aftermath hurricane Sandi send email address borough',
' find heart donat family need hurricane donat',
' support affect hurricane custom text donat bill via',
' help Sandi victim recon rebuild unit way hurricane Sandi recovery fund',
' help hurricane relief effort donat help tell SDM SHAR',
' text support relief recovery effort kid family charge app',
' constantly think affect Sandi text recross donat hurricane sand',
' cloth donat victim hurricane charm tomorrow oakwood mak',
' pleas read donat spread word let make differ hurricane Sandi relief',
' sale author make donat red cross support hurricane Sandi relief coupon code red',
' donat samaritan purs relief click',
' donat dikast relief program respond hurricane pleas ',
' help need hurricane text storm make quick donat way ',
' saidsworld rais money hurricane relief reach goal send water',
' look way help affect hurricane donat american red cross dikast relief',
' help repost possible',
' red cross hurricane Sandi relief charity bundle',
' look help hurricane Sandi relief effort rotary district collect donat',
' pleas donat american red cross help rais fund fellow american devast hurricane',
' pleas text recross make donat help victim hurricane take ',
' pleas donat much hurricane Sandi text make donat red cross call',
' mani ask help hurricane victim resource',
' would like support hurricane Sandi relief local outside talant ',
' hurricane could use help text recross give american red ',
' fundraise hurricane relief check support',
' red cross proved lifespan meal shelter hurricane Sandi victim text recross',
' pleas consed help victim hurricane Sandi text abc donat visit',
' friend family new help hurricane Sandi relief',
' even way help hurricane Sandi',
' way help hurricane Sandi victim right',

' access internet since donat time support NYC hurricane relief effort check ',
' volant need hurricane shelter would like learn',
' help help hurricane relief effort ',
' drunk help hurricane steal strange phone text recross',
' profit come thursday donat hurricane Sandi relief effort ',
' fort green collect food hurricane Sandi relief effort',
' extra cloth wish donat victim hurricane',
' red cross need blood donor blood drive cancel due hurricane',
' support hurricane every DIY upload donat red cross ',
' pleas text recross donat hurricane relief effort let get word',
' help king beach devast hurricane Sandi pleas donat relief fun',
' hurricane Sandi relief benefit concert tune donat help victim ',
' shirt destroy sell great stuff hurricane Sandi relief NYC check',
' look way help survivor hurricane list suggest via',
' hurricane help text letter give presbyterian dikast',
' pleas help donat searat hurricane emerge fund',
' clown pleas check video help hurricane Sandi display pet need',
' help hurricane Sandi donat red sweet ',
' buy ticket online concert goe hurricane Sandi',
' share post help victim hurricane Sandi pleas',
' hurricane Sandi relief fund every order donat hurricane Sandi relief fund',
' help home state new jersey devast hurricane Sandi text recross donat',
' help affect hurricane Sandi text recross make donat ',
' donat hurricane Sandi relief effort click box front page',
' join morn donat drive benefit victim hurricane detail',
' would like help victim hurricane great help rebuild',
' take donat hurricane Sandi relief Facebook page pleas help help need hot',
' want help furbabi impact hurricane pleas via',
' get every donat make impact help hurricane Sandi relief',
' pleas come watch livestream help rais money hurricane Sandi',
' every between get donat red cross help effect hurricane Sandi',
' hurricane victim need grub buy food deli Jacobi',
' one simple thing recross donat hurricane relief effort',
' new york still need much help friend pleas donat help hurricane Sandi victim text retro',
' look get involve help hurricane Sandi pleas visit Facebook',
' volant hurricane Sandi recovery new york city work red new york care info',
' individu interest donat hurricane recovery',
' volant donat hurricane Sandi relief',
' help Hoboken rais money hurricane Sandi relief fund Hoboken detail http',
' assist new yorker affect hurricane donat cash pleas',
' also hope everybody donat hurricane Sandi red cross',
' right mobil rais fund help hurricane victim',
' every sold donat made american hurricane Sandi relief effort',

' help blogger lost every hurricane',
' thought affect hurricane interest help visit',
'donat urd hurricane relief fund mark donat teen impact ',
' join NFL aid affect hurricane Sandi visit text recross make',
' much love east text recross donat affect hurricane even sma',
' pleas help affect hurricane Sandi mani people lost home every ',
' pleas help hurricane Sandi relief effort visit text recross',
' use hashtag spread word benefit concert help hurricane victim',
' donat hurricane relief fund assist red cross call thru riding',
' donat hurricane Sandi relief fund',
' hurricane relief benefit concert begin concert help rais money',
' pleas help red cross respond affect hurricane Sandi make donat today',
'help respond affect hurricane Sandi text',
' sponsor low jimmy work help affect hurricane Sandi',
' join support relief effort hurricane victim visit',
' pleas help affect hurricane Sandi call differ',
' watch hurricane Sandi come people hurt help little least text recross',
' help hurricane Sandi victim look extreme semi',
' pleas text red cross make donat victim hurricane Sandi NBC concert pleas between',
' thank everyone help bring relief victim hurricane want donat ',
' text recross make donat affect hurricane Sandi',
' still donat volant hurricane check page would want help',
' hey help affect txt recross goe',
' help hurricane Sandi bring whaten klingbeil hall across camp center ',
' help donat supply nyed impact hurricane Sandi info',
' pleas together let help great need help hurricane Sandi victim abc news',
' text donat red cross relief effort hurricane',
' jim messina ask red cross donat help victim hurricane',
' join support hurricane Sandi relief effort',
' help hurricane Sandi til noon hotline open',
' everyone affect hurricane thought help people donat',
' people donat hurricane Sandi victim help power pleas',
' cloth drive Levittown pleas bring old cloth donat people affect hurricane Sandi',
'pleas help affect hurricane take moment',
' every between donat hurricane Sandi victim',
' help victim people hurricane check red cross website call dona',
' love every between tweet sugardvd donat hurricane',
' help folk hurricane text recross make donat visit',
' look volant tuesday rais fund hurricane relief',
' pleas everyone adam today donat cloth blanket lost every hurricane',
' hey text recross donat hurricane Sandi victim together',
' recross donat recross hurricane restore shore rest',
' help east coast pleas text recross donat hurricane Sandi',

' pleas text recross donat help hurricane Sandi victim ',
' help impact hurricane visit text word recross',
' appl made easy concern citizen help victim hurricane Sandi via link Ithun',
' hey red cross with take donat hurricane Sandi relief alway come',
' hurricane Sandi relief benefit help rais money hot',
' support fund raiser hurricane Sandi victim',
' join paul miller BMW rte way hurricane relief drive collect ',
' hurricane Sandi relief effort via great EASI effect way',
' attn help support donat hurricane relief link',
' help hurricane relief effort text give donat',
' check hurricane app american red free phone info ',
' lend hand hurricane Sandi relief donat directly Ithun directly red ',
' east coast need help damage hurricane text recross make donat hot',
' take one text message make text make donat hurricane',
' text word recross donat red effort help victim hurricane Sandi',
' donat help hurricane Sandi victim via',
' red cross deeper need help hurricane cancel hunder blood drive',
' hurricane help need pleas make gift american red cross right',
' pleas check site donat individu affect hurricane Sandi thank',
' check art book auction hurricane Sandi relief',
' ferrel tweet every donat relief effort hurricane',
' help hurricane Sandi relief thought everyone affect hurricane Sandi last',
' great poot meet game make differ relief attend',
' hurricane relief fund set prepare help need',
' pleas donat american red cross help victim hurricane Sandi text recross made',
' peanut text recross donat hurricane Sandi victim help also ',
' help devast hurricane text recross donat relief effort',
' come gamma phi donat blood victim hurricane',
' hurricane Sandi relief learn help',
' check hurricane prove red cross dikast relief fund',
' help make finance donat red cross help affect hurricane Sandi ',
' volant hurricane Sandi shelter storm',
' anyon know want donat hurricane let know end month',
' would like contribute need good hurricane Sandi relief occupy Sandi set amazon hot',
' help hurricane Sandi victim text recross give directly dikast relief',
' Hackathorn help hurricane victim sunday',
' hey tweel join effort help victim hurricane Sandi',
' page Staten island pet Sandi ask people show supply',
' check benefit concert hurricane victim text recross make',
' awesome collect theme plugin help rais money victim hurricane',
' prospect anthony biretta tri help rais money island park hurricane victim link',
' hey anorth way help hurricane relief effort where girl http',
' want help suffer hurricane join',

' wesleyan ground deli water supply text give hurricane ',
' text recross make donat hurricane relief pleas',
' hurricane Sandi benefit bruce Springsteen text recross donat pone ',
' help support hurricane Sandi relief effort friend profit donat',
' watch hurricane Sandi relief benefit concert tonight help rais money',
' donat help victim hurricane text recross pleas pass',
' help hurricane get one hell covers piece',
' help devast hurricane lack bare tri pathol charity',
' pleas text recross donat hurricane relief effort ',
' pleas help victim hurricane every donat hurricane Sandi',
' everyone text recross donat victim hurricane Sandi',
' help victim hurricane Sandi last hurricane Sandi hit ',
' pleas contribute storm relief contribute text word hurricane tha',
' join next friday novem hurricane relief fundraise donat door get',
' would like donat hurricane help',
' help rais fund hurricane Sandi victim share photo friend Facebook every ',
' donat red cross hurricane relief great way balance bad thing done',
' every get donat red cross hurricane Sandi victim',
' watch hurricane come together donat relief effort text recross',
' fantast list organ accept donat hurricane courtesy',
' every follow donat rebuild common damage hurricane Sandi pleas ',
' every follow between donat hurricane Sandi relief pleas',
' follow donat hurricane help rebuild damage common hurricane Sandi ',
' text recross donat victim hurricane bless beyond',
' help anim affect hurricane donat dikast relief',
' help hurricane Sandi victim',
' help hurricane Sandi victim pleas send ',
' take support hurricane Sandi relief effort',
' every new like NBC connecticut page donat red cross hurricane Sandi relief pleas http',
' embrace east coast spirit join hurricane Sandi relief effort read honest help',
' way help impact hurricane Sandi every little bit make ',
' want help hurricane Sandi relief place would glad',
' love good roundup ever hurricane Sandi food fundraise roundup',
' thank watch hurricane come together pleas donat',
' pleas help hurricane victim text recross make donat ',
' good info donat latter tweet help anyway support hurricane relief effort ',
' start make donat red cross hurricane relief every Hannaford local',
' join support hurricane Sandi relief effort give american red cross',
' text recross donat victim hurricane Sandi between someone els',
' collect hurricane Sandi victim ray catena Merced Benz edison ',
' hurricane Sandi food fundraise roundup',
' donat help hurricane Sandi victim',
' join hurricane relief find great book help',

' mufuckin water got turn struggling donat hurricane Sandi relief bath',
'text donat help recovery hurricane Sandi let also continue prayer',
' make call help victim hurricane',
'donat help suffer hurricane ',
' text Sandi give hurricane relief globalgiv',
' pleas help donat text recross help hurricane Sandi victim pleas',
' hurricane dikast relief effort need help text recross thank',
' hurricane Sandi hit new via text word recross ',
' lot help still need volant hurricane Sandi relief east coast',
' volant hurricane Sandi relief update weekend Staten island',
' volant hurricane Sandi relief east coast lot way',
' volant hurricane Sandi relief follow hashtag',
' schedule blood donat donat fund red cross help hurricane',
' blood donat volant help hurricane Sandi',
' book fair novem rais fund hurricane Sandi',
' care package hurricane Sandi survivor need battery want',
' join hurricane Sandi relief effort pure motive tomorrow lobby',
' buy fuji bike donat hurricane Sandi american red cross relief effort http',
' lot fan affect hurricane Sandi text recross give american red cro',
' Julia donat red hurricane Sandi relief effort every click link get hot',
' hurricane Sandi relief effort round way help',
' hey everyone find local red cross give blood EASI way help hurricane Sandi victim ',
' help hurricane dog cat prospect park brooklynbark dog walker conjunct wit',
' pleas get donat every tee Purchas victim',
' give shop help hurricane Sandi relief fund via',
' text recross make donat deeper need due hurricane make differ',
' ippon join thousand download Lockist help hurricane Sandi relief effort northeast',
' pleas donat hurricane Sandi victim text convoy',
' hurricane Sandi relief pleas help',
' drink every margarita donat help aid hurricane Sandi victim',
' help victim hurricane Sandi call donat text',
' hey everyone not forget text recross donat hurricane Sandi dikast relief',
' help victim hurricane Sandi right text word response give dimmed donat',
' help people affect hurricane Sandi get back feet support nonprofit proved pale',
' american red cross dikast relief fund time need help victim hurricane ',
' live call volant islam relief support hurricane Sandi shelter',
' collect can etc hurricane victim local area long',
' give away pass screen sun benefit save children hurricane',
' item mail hurricane Sandi relief Jacobi lutheran church ave Brooklin',
' Ithun eBay among multiple way donat money hurricane Sandi relief effort read',
' pleas help hurricane Sandi relief effort every little bit',
' would like donat news american red cross hurricane relief telethon call',
' donat american red cross hurricane Sandi victim text recross ply ',

' donat via smartphone hurricane Sandi relief give',
' great way relief',
' donat help hit hurricane work red cross',
'text donat phone bill help survivor hurricane Sandi',
' join global ambassador donat today support fund HNC hurricane Sandi relief',
' advantage transport dikast relief merchandise drive hurricane victim',
' help hurricane victim send book',
' still look donat hurricane Sandi relief fund pleas help',
' help need hurricane Sandi',
' want help hurricane Sandi wed registry make super EASI',
' jewish group offer mani way help hurricane relief effort',
' help Delicia karma support relief effort hurricane Sandi',
' hope come comedy benefit help victim hurricane Sandi goe red hot',
' Floyd mayweath bet million football game today text recross donat hurricane',
' ben donat every ticket sold Phillie show hurricane Sandi recovery effort',
' donat hurricane Sandi relief fund opportune talk call',
' join donat help hurricane',
' Jeremie Madlin film Psa org fan help hurricane Sandi relief effort pleas help',
' red cross hurricane Sandi relief fund pleas donat',
' NYC marathon sell apparel prove red cross hurricane Sandi victim',
' join donat relief fund relief recovery',
' ply text word recross make donat help victim hurricane Sandi make differ',
' head NYC pleas help hurricane Sandi relief benefit concert tonight',
' creeper ask text recross phone donat hurricane relief',
' EASI donat victim hurricane recross site wha',
' creep guy ever give phone put number text recross donat hurricane ',
' text respond give relief help proved aid need ',
' help family struggle dikast text respond give',
' every between get donat hurricane Sandi fund',
' donat help victim hurricane recross give american red cross dikast relief ',
' donat hurricane Sandi victim tomorrow church across ocean medic center',
' help hurricane Sandi enjoy playlist artist appear tonight',
' push next week help rais money hurricane Sandi victim human',
' pleas red Sandi assist',
' pleas donat recross drive help hurricane Sandi',
' hurricane Sandi relief cell phone text donat give text recross give',
' join text storm give proved aid affect hurricane',
'red cross hurricane Sandi relief handmaid ear cicinspirem',
' want help affect hurricane CDCF philanthropy service team',
' text donat hurricane',
' text send money red cross support relief effort thing like hurricane Sandi',
' support hurricane relief pleas consed donat american red cross dikast word',
' prayer suffer call make donat need foo',

' hurricane pleas donat realtor relief found goe ',
'join support hurricane Sandi relief text donat',
' donat people affect hurricane Sandi text recross donat call',
' accept donat today help hurricane victim',
' tri cranberry shake good stuff help hurricane Sandi relief effort prove benefit',
' check tip donat relief recovery',
' ray cold donat red cross hurricane Sandi relief every Julia link click ',
' donat help help hurricane Sandi victim text write recross Bodi text',
' join telethon hurricane relief',
' red cross collect fund help relief hurricane Sandi would like help',
' help new yorker affect text make donat',
' sat thing one cell phone text recross donat buck hurricane Sandi',
'pleas consed donat help family affect hurricane text',
' thought prayer victim hurricane pleas donat donat ',
' would like help affect hurricane donat',
' caplin alum offer download neptune city donat hurricane Sandi relief effort',
' thought prayer impact hurricane Sandi support red cross relief effort text recross ',
' help new york volant shelter via',
' call help affect hurricane already rais',
' help hurricane',
' help effect hurricane get great shirt buy relief prove',
' join abc aid hurricane Sandi victim via',
' house bushwack mauler collect donat hurricane relief',
'red cross need help hurricane Sandi victim ten dollar donat would long way text',
'donat hurricane Sandi relief text',
' pleas help hurricane Sandi victim need food donat see attach',
' people area fundraise concert ',
' donat accept victim hurricane Sandi pleas visit drop blanket',
' keep tweet hurricane Sandi relief help spread word get aid',
' bookrix donat book red cross help support affect hurricane Sandi see detail ',
'donat hurricane pleas make check make sure get ',
' intern rescue committed take donat victim hurricane Sandi text rescue dona',
' not forget text recross help affect hurricane Sandi',
' donat red cross hurricane dikast relief send confirm via email',
'text recross text donat people suffer hurricane',
' NYC want hurricane Sandi relief effort goodnik neetup',
' spare text recross give american dikast relief help affect hurricane Sandi',
'come call text recross visit',
' want help hurricane Severn valley bapt show Patricia',
' pleas help hurricane Sandi relief effort text recross give',
' pleas help area effect hurricane Sandi team member',
' help rais money effect between',
' pleas text red cross help affect hurricane ',

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' every time tweet donat hurricane relief definite ',
' friend look way donat hurricane check',
' hey could help effect hurricane Sandi text word recross make donat ',
' help kid affect hurricane relief effort give via',
' way help hurricane Sandi relief effort via',
' need help tomorrow game collect donat red cross take care hurricane victim',
' ablins follow hurricane Sandi relief pleas',
' hey weep want help hurricane reach folk need help stop',
'dear autopartsnerd look help victim hurricane Sandi offer every use code',
' pleas help donat hurricane relief text recross',
' pleas help donat red cross hurricane Sandi relief',
' help hurricane Sandi victim new york city chinatown',
' everyone donat red school house road victim hurricane',
' today Obama campaign send anorth email ask donat red cross hurricane Sandi',
' aia pledge help hurricane Sandi recovery find',
' watch hurricane Sandi telethon pleas give red cross chapter get drain',
' donat help victim hurricane Sandi usself Lil something process charity',
' pleas text donat dikast relief hurricane Sandi call',
' make donat american red cross relief hurricane Sandi Amway match',
' two Obama beg support make call romney ask support donat hurricane victim',
' want help hurricane relief cardmemb donat charity',
' volant donat help victim hurricane Sandi via',
'north football player meet behind john deer west old hit dog today unload supply hurricane relie
f',
'text help dikast relief hurricane donat',
' would like donat red cross help affect hurricane pleas',
' look way help affect hurricane pleas visit red cross',
'make differ pleas help affect hurricane Sandi Jon bonjovi',
' buy book help hurricane relief effort author donat royalty charity',
' Patricia abc tomorrow help hurricane Sandi',
' help aid relief accept donat affect hurricane ',
' farmer market throughout bay area collect red cross donat help victim ',
' help spread word day give hurricane Sandi relief effort call text abc',
' help hurricane Sandi victim',
' help proved new book children affect hurricane',
' graffiti artist art show benefit victim hurricane Sandi contact ',
' pleas share help hurricane Sandi opportune get organ help Sandi',
' help hurricane Sandi click',
' want help victim hurricane',
'rout Sandi relief fund cafe',
'prayer everyone affect hurricane Sandi donat via',
'friend collect hurricane Sandi victim MAgEd via site regard possible happy',
'collect donat victim ask donat blood',

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'donat hurricane relief ask parent',
'Rockford first look donat hurricane Rockford first kick',
'robin robert make special plea help victim hurricane Sandi',
'robin learn help hurricane relief effort',
'get help spread word hurricane Sandi thanksgiv almost',
'rescue center Bruis not broken could use help hurricane Sandi',
'donat hurricane relief fund today mani need help',
'resist run passion support hurricane Sandi victim',
'pleas text recross donat need help hurricane Sandi',
'recross call help people rock hurricane',
'pleas donat recross survivor hurricane love new',
'red cross org blood donat support affect hurricane Sandi',
'red cross need platelet donor aid hurricane effort assist victim Hurris',
'red cross hurricane support incl donat specif zip text recross',
'help red cross hurricane Sandi relief victim shop good',
'sale help people affect hurricane Sandi spread',
'rais money hurricane Sandi relief help decide print',
'cloth mani people city affect hurricane would like get',
'Purchas book donat red cross hurricane victim',
'pure Vida bracelet hurricane Sandi',
'prove red help affect hurricane',
'pray wonder donor volant could not proved hurricane Sandi relief without',
'east estimate cost hurricane Sandi billion text donat',
'prayer devast hurricane pleas help text recross donat dikast relief',
'pleas stop donat phone card hurricane Sandi relief sunday loca luna',
'ply donat help hurricane Sandi relief family',
'pleas visit page see may abl help hit hard hurricane',
'pleas tune one mani station carri hurricane Sandi relief concert donat',
'pleas text recross help need aftermath hurricane Sandi mean definite',
'pleas text recross donat hurricane Sandi victim east people really need',
'text recross donat hurricane relief not thank',
'pleas text recross donat call make donat help hurricane Sandi victim',
'pleas text prevent donat anim rescue effort anim affect hurricane Sandi',
'pleas text kid donat help feed shelter kid hurt hurricane region',
'pleas text convoy help hurricane Sandi victim',
'pleas text make donat red cross help hurricane victim surround area thank',
'pleas take moment read adj preside note help affect hurricane Sandi',
'pleas support hurricane relief effort donat text recross click',
'pleas stop arc donat hurricane relief',
'pleas show support hurricane Sandi victim text word recross',
'send instant txt donat help hurricane Sandi victim text make',
'pleas volant hurricane Sandi relief hit show',
'pleas mobwiv save live accept donat hurricane Sandi victim',

'pleas help hurricane Sandi',
'pleas hurricane relief request goe victim today est lyric',
'between list supply need hurricane Sandi victim',
'pleas long island hurricane Sandi relief page',
'pleas read help victim hurricane Sandi',
'pleas pray espece whaten help affect hurricane espece hard',
'pleas text word recross donat everyone affect hurricane Sandi',
'pleas keep text hurricane Sandi american red cross thank gail',
'pleas join gov chi Christi help hurricane victim support new jersey relief',
'join basketball donat recross text hurricane Sandi victim',
'pleas join donat help hurricane Sandi victim breeze via',
'pleas help hurricane relief effort',
'pleas help hurricane Sandi relief one way donat american red cross mani mani people',
'pleas help people affect hurricane Sandi visit',
'pleas help need affect hurricane',
'pleas help affect hurricane make',
'pleas help affect hurricane Sandi',
'pleas help affect hurricane Sandi every',
'pleas help victim hurricane recross donat call',
'pleas help victim hurricane Sandi text recross donat make',
'help respond affect hurricane Sandi text make',
'pleas help hurricane Sandi victim',
'pleas help anim affect hurricane text anim donat text',
'pleas help american red cross help hurricane Sandi know ',
'pleas help spread word red cross work help affect hurricane Sandi',
'pleas help victim hurricane Sandi visit make donat',
'pleas help hurricane Sandi count make chang not let people die need help donat Anyah ',
'pleas help neighbor affect hurricane Sandi support Sandi relief effort donat',
'pleas make help people effect',
'pleas help Keller william help hurricane Sandi victim',
'pleas help hurricane Sandi',
'pleas help hurricane survivor visit',
'pleas Ithun make donat red cross aid hurricane relief text give',
'pleas buy one fund hurricane relief unlike red cross ',
'pleas give fund red cross hurricane Sandi',
'pleas follow link find help hurricane relief effort',
'pleas make donat people hurricane area amount txt recross',
'pleas donat red cross help victim hurricane Sandi mani without home power',
'pleas donat red cross help people need hurt hurricane Sandi',
'pleas donat american red cross dikast relief hurricane Sandi',
'pleas donat red cross hurricane',
'pleas donat recross help victim hurricane Sandi need pleas donat',
'pleas donat hurricane Sandi victim NBC station text red cross',

'pleas donat hurricane Sandi click donat yorker dentel washington',
'pleas donat hurricane relief chose donat',
'pleas donat monetary amount hurricane victim text recross pleas help',
'pleas donat hurricane relief text recross thank',
'pleas donat hurricane Sandi victim text convoy people really need help',
'pleas Anyah help devast hurricane Sandi visit call help',
'pleas help victim hurricane visit american red cross today inform',
'pleas consed join hurricane relief',
'pleas consed donat american red cross help recovery effort devast hurricane',
'pleas consed donat help affect hurricane Sandi pass',
'pleas come food drive mccaffrey newton Yardley today help victim',
'pleas care donat help people anim affect hurricane',
'play dead island donat red cross hurricane Sandi victim link',
'pleas text recross donat hurricane relief effort',
'pleas help american red cross help hurricane Sandi',
'collect food item mon tue pleas help victim hurricane',
'philadelphia union office help hurricane Sandi american red cross support',
'pleas donat victim hurricane Sandi ship item occupy Sandi relief outpost church bklyn',
'pet need blood east hurricane Sandi place demand anim blood state',
'txt recross donat help victim hurricane pleas get word',
'people affect need text recross donat ',
'patriot Subaru match donat red cross hurricane relief fund click',
'part prove benefit red cross hurricane relief pleas share',
'page slut use help victim hurricane Sandi read see',
' support cloth hurricane Sandi',
'prove hurricane Sandi relief effort',
'thought everyone deal Sandi aftermath help hurricane Sandi',
'thought affect hurricane Sandi pleas donat red cross',
'thought prayer affect hurricane Sandi tip red cross',
'Seri sale week send hurricane relief',
'hurricane Sandi relief phone bank red cross underway pleas call donat',
'heart everyone impact hurricane Sandi pleas text recross make donat contribute',
'friend collect money hurricane relief may send cloth cash',
'follow pull keep hurricane Sandi relief order',
'area need major little thing would great pleas donat Sandi',
'great way help NYC hurricane',
'support hurricane Sandi relief effort buy',
'open blood mimosa sun prove hurricane',
'way NYC Patricia abc today help hurricane Sandi',
'done donat text recross affect hurricane Sandi',
' still need buy hurricane Sandi relief affect Sandi',
'pleas support friend long beach ring visit hurricane relief',
'use gift registry collect donat victim hurricane via',

'occupy way help hurricane occupy Sandi coordain relief effort help',
'help survivor hurricane Sandi',
'Obama campaign hurricane org red cross donat',
'NYC look closet donat cloth spare local church help victim hurricane Sandi',
'hurricane come together benefit call text recross donat',
'text donat hurricane victim put NBC',
'would good time consed donat money resource help display hurricane help',
'marathon volant hurricane Sandi relief instead NYC neighborhood',
'donat help affect hurricane Sandi point patch',
'look way help impact hurricane one way',
'not new york new jersey want help hurricane item ship relief',
'northern berkshire hurricane hour victim hurricane berkshire',
'make shirt help victim hurricane Sandi support use money benefit victim',
'hey help fan affect hurricane',
'help affect hurricane Sandi text recross make donat ',
'fan donat season ticket want help victim hurricane',
'NHL encourage support hurricane Sandi american red cross respond across multiple',
'encourage support hurricane victim',
'new york city marathon runner race help hurricane Sandi victim Staten island',
'project sign help hurricane relief learn',
'Ithun accept red cross donat hurricane Sandi victim',
'mari oblige hurricane Sandi telethon click donat red',
'new post send love affect hurricane Sandi way help victim along east',
'newport buzz need help help affect hurricane',
'new parti alert donat bucket around bar hurricane Sandi relief come',
'new help hurricane Sandi victim',
'new jersey shore hurricane Sandi relief bracelet rebuild jersey shore',
'new jersey tweet relief',
'new blog hurricane relief',
'hurricane help victim homeless pet',
'network good great list place help support hurricane Sandi relief',
'NBC hold benefit concert today victim hurricane Sandi feature artist native area',
'nbcunivers telethon hurricane Sandi Christina aguilera bruce Springsteen set perform',
'benefit telethon tonight help hurricane Sandi relief tune help rais money',
'hey race help teammate help victim hurricane Sandi ',
'prayer family affect hurricane text recross donat ',
'new blog post pleas consed make donat help victim hurricane Sandi',
'love job Particia blanket drive poor victim hurricane Sandi pleas help ',
'home state hit hard hurricane Sandi help hurricane victim Staten ',
'brother run marathon rais fund victim hurricane Sandi pleas consed',
'music song sympathy hurricane Sandi telethon rais money american red cross',
'MTh item donat red cross hurricane bring offic',
' flush town hall accept donat victim hurricane Sandi',

' take pretend put number text bam donat hurricane relief',
'contact green thumb relief effort donat',
'help hurricane Sandi victim',
'way help Sandi victim opportune donat help light recent hurricane ',
'hurricane Sandi relief volant opportune NYC',
'blood donat need wake hurricane Sandi ghana news agencymor blood donat need ',
'monetary donat made payable new life fellowship earmark hurricane Sandi relief',
'contribute made tower hurricane Sandi relief',
'hurricane Sandi relief',
'Billi joel hurricane text',
' red cross website donat directly hurricane Sandi relief fund',
'sing nation anthem hurricane Sandi relief thank support come ',
'member hurricane Sandi relief',
'soon sell bracelet rais money hurricane Sandi victim stay',
'coordain drive family affect hurricane Sandi would like ',
'MCN volant tomorrow week MCN hurricane Sandi relief effort',
'Mazon inured charity pleas check support effort victim hurricane Sandi',
' oblige come call text recross',
'red cross text donat Sandi come together',
'maroon auction rais money hurricane Sandi relief effort',
'pleas help affect hurricane take moment',
'put together cometh help victim hurricane would really like involve pleas contact',
'mani ask help victim hurricane Sandi collect weekend',
'mani client ask help anim people affect hurricane Sandi',
'make donat volant help victim hurricane Sandi new jersey',
'makemyhomefit care text recross donat help affect hurricane Sandi',
'cometh cross wednesday night collect entry gate hurricane Sandi',
'make day call help victim hurricane Sandi visit',
'make donat hurricane Sandi dikast relief extreme hustling record click donat',
'made donat hurricane Sandi relief fund everyone pleas',
'donat red cross Staten island victim hurricane Sandi thank',
'text make donat impact hurricane Sandi matter',
'love week expand help hurricane victim click',
'love occupy Sandi use amazon wed registry get donat hurricane relief',
'lot great thing help red cross hurricane Sandi relief gail via',
'look proved aid area affect hurricane text human who devil',
'look make donat hurricane Sandi relief get cute ',
'look closet pantry potent donat hurricane Sandi relief',
'look way help hurricane Sandi relief know fact cloth',
'look way help hurricane Sandi relief city donat charge phone bill',
'look way help hurricane Sandi',
'look way help affect hurricane tip via',
'look way help hurricane Sandi visit other make also',

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'look way help hurricane check place way volant',
'look way help affect hurricane one favorite shop',
'look people help organ jewish ottawa fundraise bake hurricane relief msg',
'look safe way donat hurricane Sandi',
'local collect supply hurricane Sandi',
'local relief effort way hurricane Sandi victim',
'local collect drive hurricane Sandi want help victim hurricane Sandi new york',
'local collect drive hurricane Sandi relief read neighbor',
'local help hurricane Sandi victim group begin organ donat drive',
' ask donat hurricane Sandi nigua hit',
'tri link list help hurricane Sandi victim abc news',
'live room time square accept open donat hurricane Sandi victim pleas',
...]
```

```
In [23]: MSG=pd.DataFrame(corpus,columns=["MESSAGE"])
```

```
In [24]: data = data.drop(["DOCUMENT_ID","DATETIME","MESSAGE" ],axis=1)
```

```
In [25]: data = data.join(MSG)
data.head()
```

Out[25]:

	LATITUDE	LONGITUDE	DATE	TIME	MESSAGE
0	37.477700	-122.223000	2012-10-30	22:15:41	want help hurricane relief text Sandi donat
1	36.778300	-119.418000	2012-11-01	23:11:04	pleas help spread good word help victim hurric...
2	22.535965	-46.639284	2012-11-04	16:07:02	convoy send hurricane Sandi relief
3	22.535965	-46.639284	2012-11-05	17:04:19	inspire everyone pleas donat hurricane Sandi ...
4	22.535965	-46.639284	2012-11-04	18:41:56	let help hurricane Sandi donat goe relief syria

```
In [26]: data.to_csv('Data_message.csv')
```