

# btctweets\_pre-processing-05312020

June 7, 2020

## 1 Bitcoin Tweets Pre-processing

```
[17]: import pandas as pd
import numpy as np
%matplotlib inline
import matplotlib.pyplot as plt
import seaborn
from wordcloud import WordCloud

import re
import os
import string
import nltk
from nltk.corpus import stopwords
from textblob import TextBlob

from sklearn.model_selection import train_test_split
#from sklearn.cross_validation import train_test_split
from textblob.classifiers import NaiveBayesClassifier
```

```
[ ]:
```

```
[2]: tweets_data = pd.read_csv('btctweets_05312020.csv',
                               encoding='utf-8',
                               delimiter=',',
                               header = 0,
                               engine='python',
                               error_bad_lines=False,
                               usecols=[0,1,2,3,4,5])

tweets_data.head()
```

```
[2]:
```

	date_time	name	\
0	5/22/2020 23:59	CryptOrca	
1	5/22/2020 23:59	Jeremial	
2	5/22/2020 23:59	SmileyGnome	
3	5/22/2020 23:59	dgb_chilling	
4	5/22/2020 23:59	no_name	

	text	polarity	sensitivity \
0	b'Goldman Sachs Is Hosting A Client Call About...	0.00	0.000
1	b'OK... Then why is President Trump endorsing ...	0.50	0.500
2	b'It\xe2\x80\x99s #Bitcoin \xf0\x9f\x8d\x95 Da...	0.25	0.277
3	b'Great article on @Cointelegraph\nIf only the...	0.25	0.650
4	b'#Bitcoin #BTC current price (GBP): 7,547.70\...	0.00	0.400

	sentiment
0	neutral
1	positive
2	positive
3	positive
4	neutral

```
[4]: tweets_data.tail()
```

```
[4]:
```

	date_time	name \
2015	5/28/2020 22:38	Lionel46294550
2016	5/28/2020 22:38	realDonaldTrump
2017	5/28/2020 22:38	JWilliamsFstmed
2018	5/28/2020 22:38	cryptograffit
2019	5/27/2020 19:40	danheld

	text	polarity \
2015	b'#XRP #xrpccommunity #btc #bitcoin #eth #ltc ...	0.16818
2016	b"@RideUTA Yes, it's a world global pandemic. ...	0.00000
2017	b'Over the last 15 days the Grayscale Bitcoin ...	0.00000
2018	b'is pretty incredible imho.\n\nWe need more c...	0.55000
2019	b'Drop Sachs.\n\nGet Sats.'	0.00000

	sensitivity	sentiment
2015	0.72727	positive
2016	0.00000	neutral
2017	0.06667	neutral
2018	0.80000	positive
2019	0.00000	neutral

```
[5]: tweets_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2020 entries, 0 to 2019
Data columns (total 6 columns):
date_time      2020 non-null object
name           2020 non-null object
text           2020 non-null object
polarity       2020 non-null float64
```

```
sensitivity    2020 non-null float64
sentiment      2020 non-null object
dtypes: float64(2), object(4)
memory usage: 94.8+ KB
```

```
[6]: tweets_count = tweets_data['name'].value_counts()
      tweets_count
```

```
[6]: no_name          912
      danheld         46
      blockfolio      22
      lopp            19
      jk_rowling      18
      ...
      crypto_ama       1
      cryptocom        1
      DM               1
      JasonCa32193717  1
      RelevantPeter      1
      Name: name, Length: 495, dtype: int64
```

## 1.1 Clean Text

```
[7]: # Cleaning the tweets
      from nltk.tokenize import WordPunctTokenizer

      user = '@[A-Za-z0-9]+'
      url = 'https?:/[^\ ]+'
      link = 'www.[^\ ]+'
      combined_p = '|'.join((user, url, link))
      neg_dic = {"isn't": "is not", "aren't": "are not", "wasn't": "was not", "weren't":
        ↪ "were not",
        "haven't": "have not", "hasn't": "has not", "hadn't": "had_
        ↪ not", "won't": "will not",
        "wouldn't": "would not", "don't": "do not", "doesn't": "does_
        ↪ not", "didn't": "did not",
        "can't": "can not", "couldn't": "could not", "shouldn't": "should_
        ↪ not", "mightn't": "might not",
        "mustn't": "must not"}
      neg = re.compile('\b(' + '|'.join(neg_dic.keys()) + ')\b')
      tok = WordPunctTokenizer()

      def tweet_cleaner(text):
          stripped = re.sub(combined_p, '', text)
          lower_case = stripped.lower()
          neg_handled = neg.sub(lambda x: neg_dic[x.group()], lower_case)
          letters = re.sub("[^a-zA-Z]", " ", neg_handled)
```

```
words = [x for x in tok.tokenize(letters) if len(x) > 1]
drop_stopwords = [x for x in words if x not in stopwords.words('english')]
return (" ".join(drop_stopwords)).strip()
```

```
[8]: clean_tweets = []
for tweet in tweets_data.text:
    clean_tweets.append(tweet_cleaner(tweet))
tweets_data['clean_text'] = pd.DataFrame(clean_tweets)
```

```
[9]: clean_tweets[:20]
```

```
[9]: ['goldman sachs hosting client call bitcoin gold inflation via',
      'ok president trump endorsing tommy',
      'xe bitcoin xf day nwhen btc first used commercial transaction nwhat better
place btc atm th xe xa',
      'great article nif way could avoided know like minor monthly block red xe xa',
      'bitcoin btc current price gbp',
      'earth livin truth xe xa',
      'favorite pizza topping mine bitcoin',
      'dm fast money crypto cryptocurrency cryptoinvestor dubai cryptocurrencies
bitcoin travel litecoi xe xa',
      'pay bitcoins couple pizzas like maybe large ones left next day lasz xe xa',
      'paid btc lbs coffee beans coffee good neveryone bitcoin pizza day spending xe
xa',
      'bitcoin scant fundamentals make vulnerable price manipulation nbitcoin price
manipulation drags xe xa',
      'network nulsd hgfxoou axiuzzwcx vkpoacwpdz nhappy bitcoin pizza day xf xf nuls
xf',
      'new episode kling live nwe discuss great accelerator quantitative easing
modern monetary theory inf xe xa',
      'yo chill today bitcoin pizza day years ago today someo xe xa',
      'binging bitcoin audible almost asked wife wanted satoshi fried rice instead sr
xe xa',
      'xe bitcoin xf day nwhen btc first used commercial transaction nwhat better
place btc atm th xe xa',
      'xf xb giveaway cro random followers xf like xf retweet xf comment cro bitcoin
btc crypto ethereum eth',
      'traders waiting bitcoin see great xc xa volatility',
      'let know want send pizza bitcoin xf dm xf',
      'great article nif way could avoided know like minor monthly block red xe xa']
```

## 1.2 Generate Word Cloud

```
[20]: # Visualization using wordcloud for the text
strings = ''
for text in tweets_data['text']:
    strings += text
```



```
print('Neutral')
```

```
goldman sachs hosting client call bitcoin gold inflation via
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
ok president trump endorsing tommy
Sentiment(polarity=0.5, subjectivity=0.5)
Positive
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place
btc atm th xe xa
Sentiment(polarity=0.25, subjectivity=0.27777777777777773)
Positive
great article nif way could avoided know like minor monthly block red xe xa
Sentiment(polarity=0.25, subjectivity=0.31666666666666665)
Positive
bitcoin btc current price gbp
Sentiment(polarity=0.0, subjectivity=0.4)
Neutral
earth livin truth xe xa
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
favorite pizza topping mine bitcoin
Sentiment(polarity=0.5, subjectivity=1.0)
Positive
dm fast money crypto cryptocurrency cryptoinvestor dubai cryptocurrencies
bitcoin travel litecoi xe xa
Sentiment(polarity=0.2, subjectivity=0.6)
Positive
pay bitcoins couple pizzas like maybe large ones left next day lasz xe xa
Sentiment(polarity=0.07142857142857142, subjectivity=0.14285714285714285)
Positive
paid btc lbs coffee beans coffee good neveryone bitcoin pizza day spending xe xa
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
Positive
bitcoin scant fundamentals make vulnerable price manipulation nbitcoin price
manipulation drags xe xa
Sentiment(polarity=-0.5, subjectivity=0.5)
Negative
network nulsd hgfxoou axiuzzwcx vkpoacwpdz nhappy bitcoin pizza day xf xf nuls
xf
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
new episode kling live nwe discuss great accelerator quantitative easing modern
monetary theory inf xe xa
Sentiment(polarity=0.3181818181818182, subjectivity=0.5011363636363636)
Positive
yo chill today bitcoin pizza day years ago today someo xe xa
```

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
binging bitcoin audible almost asked wife wanted satoshi fried rice instead sr  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.2777777777777773)  
Positive  
xf xb giveaway cro random followers xf like xf retweet xf comment cro bitcoin  
btc crypto ethereum eth  
Sentiment(polarity=-0.5, subjectivity=0.5)  
Negative  
traders waiting bitcoin see great xc xa volatility  
Sentiment(polarity=0.8, subjectivity=0.75)  
Positive  
let know want send pizza bitcoin xf dm xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
great article nif way could avoided know like minor monthly block red xe xa  
Sentiment(polarity=0.25, subjectivity=0.3166666666666665)  
Positive  
imbalance rich poor oldest fatal ailment republics plutarch nrestore balance xe  
xa  
Sentiment(polarity=-0.012500000000000011, subjectivity=0.675)  
Negative  
xe traders expect bitcoin see major volatility  
Sentiment(polarity=0.0625, subjectivity=0.5)  
Positive  
bitcoin price index usd eur cnz gbp rub  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin brain wallet  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.2777777777777773)  
Positive  
btc two pizzas happy bitcoin pizza day xf nto celebrate day like give one bt xe  
xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
xf xa xe xe xef xb feature update hide tasks interested anymore xe xa  
Sentiment(polarity=0.25, subjectivity=0.5)  
Positive  
however spell name le roux wright petrified guy would helped xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.2777777777777773)  
Positive  
binging bitcoin audible almost asked wife wanted satoshi fried rice instead sr  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
happy bitcoin pizza day samson xf  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
great article nif way could avoided know like minor monthly block red xe xa  
Sentiment(polarity=0.25, subjectivity=0.3166666666666665)  
Positive  
trade crypto forex amp commodities leverage xf giving away btc xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
litecoin shares dna bitcoin amp times supply nit xe undervalued  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoinpizza would worth us right last hours bitcoin  
Sentiment(polarity=0.1952380952380952, subjectivity=0.2341269841269841)  
Positive  
xf xa giving away worth bitcoin winners share within hours xe xbc xef xb frules  
win follow xe xa  
Sentiment(polarity=0.55, subjectivity=0.25)  
Positive  
top crypto strategist calls bitcoin btc bull run warns pullback coming first  
news xe xa  
Sentiment(polarity=0.375, subjectivity=0.4166666666666663)  
Positive  
goldman sachs hosting client call bitcoin gold inflation  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa new masks xf xa nonly xf xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
trade crypto forex amp commodities leverage xf giving away btc xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.2777777777777773)  
Positive  
perfect place call home urban living metro vanco nyoutube news noticias bitcoin  
cryptocurrenc xe xa



Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
thanks laszlo encouraging us eat pizza day bitcoin pizzas mil ncreating xe xa  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
get something done sick charades washington  
Sentiment(polarity=-0.7142857142857143, subjectivity=0.8571428571428571)  
Negative  
might mention bitcoin going make tweet  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt monero fire airdrop xmrf nsymbol xmrf ntotal supply billion nfollow nrt amp  
tag people ncommen xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin price nd may bitcoinpizzaday xf xac xf xac xf xac xf xaf xf xb xf xb xf  
xad xf xae xf xaf xf xb xf xae xf xb xf xae xf xb xf xac xf xb xf xaf xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt celebrating bitcoin pizza day io draw usdt bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
today bitcoin pizza day ncrypto currencies become mainstream value fluctuate  
wildl xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin future movement head shoulders bitstamp btcusd jsea btc  
Sentiment(polarity=0.0, subjectivity=0.125)  
Neutral  
send btc pool get back interests approx within minutes nlimit xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
word pride crypto cryptocurrency cryptoinvestor dubai cryptocurrencies bitcoin  
travel litecoin binaryo xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe invited pizza parties today xe going buy bitcoin tell much xe xa  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
bitcoin future movement head shoulders xf bet btc xf xa via xe xb  
Sentiment(polarity=0.0, subjectivity=0.125)  
Neutral  
bitcoinpizzaday bitcoin btc nhappy bitcoin pizza day io draw eth  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
happy bitcoin pizza day samson xf  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive

lol mass media cares well generously shares nothing top notch financial advice  
Sentiment(polarity=0.4333333333333335, subjectivity=0.3999999999999997)  
Positive

goldman sachs hosting client call bitcoin gold inflation via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

play android ios devices web xf xae nbe farmer xf trader xf xa xe xf xbc  
investor xf xa xb njoin players get xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin boosted surging interest cbdcs says grayscale decrypt scroll link xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

sat morn bitcoinwalking overcast brisbane au listened yt pomp podcast nanthony  
pompliano xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

kardiachain kai exciting project crypto right kai crypto crypto cryptocurrency  
btc bitcoin xe xa  
Sentiment(polarity=0.2928571428571428, subjectivity=0.6678571428571429)  
Positive

made first ever crypto purchase bought chainlink traded half bitcoin  
Sentiment(polarity=0.04166666666666667, subjectivity=0.25)  
Positive

join entertaining bitcoin contest year betfury gaming platform coming xe xa  
Sentiment(polarity=0.5, subjectivity=0.7)  
Positive

xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.27777777777777773)  
Positive

bitcoin tool transfer wealth arrogant enough bet supply demand economics xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral

mask say bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin xe bull case remains valid buyers fight maintain xc xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

thought everybody lives around sayi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.27777777777777773)  
Positive

xf xb btc amp stock market outlook deal losing trades stock picks week ahead

cryptocurrency xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
working big episode next week happy able share bitcoin crypto blockchain  
Sentiment(polarity=0.325, subjectivity=0.43125)  
Positive  
happy friday ct nyou asked free bitcoin nlet ni going give person sats ny xe xa  
Sentiment(polarity=0.6000000000000001, subjectivity=0.9)  
Positive  
would spend traveling buy car brother buy new house parents buy new mobile phone  
xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
paid btc lbs coffee beans coffee good neveryone bitcoin pizza day spending xe xa  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
would spend traveling buy car brother buy new house parents buy new mobile ph xe  
xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
bitcoin freedom  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cryptocurrency bitcoin xc xa xc xa btc cro eth ltc xrp link xe tell mco chart xe  
look xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
thread nmastering horizontal support resistance trading bitcoin nthis  
comprehensive real world gui xe xa  
Sentiment(polarity=0.2, subjectivity=0.30000000000000004)  
Positive  
plans end joke copywriting laws lol jk end conspiracy theorists guilt like  
eminem tho xe xa  
Sentiment(polarity=0.8, subjectivity=0.7)  
Positive  
celebrate bitcoin pizza day xf bingbon giving away btc winners share nto enter  
follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
celebrate bitcoin pizza day xf nowex giving away usdt winners share follow io  
like amp retw xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hall btc misinformed friend first wwg wga second bitcoin peo xe xa  
Sentiment(polarity=0.125, subjectivity=0.16666666666666666)  
Positive  
rt happy bitcoin pizza day xc xa xf nto celebrate xe giving away sats free pizza  
lucky lolli users xc xa xe xa

Sentiment(polarity=0.511111111111112, subjectivity=0.877777777777778)  
Positive  
pay bitcoins couple pizzas like maybe large ones left next day lasz xe xa  
Sentiment(polarity=0.07142857142857142, subjectivity=0.14285714285714285)  
Positive  
bitcoin hash rate seems decreasing nmaybe profitable mine countries current  
price ncoul xe xa  
Sentiment(polarity=0.0, subjectivity=0.4)  
Neutral  
lawsky previously new york state superintendent financial services listed stone  
ridge head xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
Positive  
bitcoin tool transfer wealth arrogant enough bet supply demand economics xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
texas perfect bitcoin  
Sentiment(polarity=1.0, subjectivity=1.0)  
Positive  
louisiana state senate consider crypto business licensing bill  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xf day nwhen btc first used commercial transaction nwhat better place  
btc atm th xe xa  
Sentiment(polarity=0.25, subjectivity=0.2777777777777773)  
Positive  
use code legitaff comment bitcoin adress paypal mail cashtag free airdro xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
cybervein bitcoin halving affect platform  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
satoshi probably female simp bitcoin  
Sentiment(polarity=0.0, subjectivity=0.16666666666666666)  
Neutral  
celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
xe xa follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral  
name dick feel sorry karen  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
bitcoin already bouncing back ni take bigger dumps diapers nmy teddy bears xf xa  
xb bigger balls bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.3333333333333333)  
Neutral  
btc bitcoin ultimate contra indicator appeared going way fast gbtc coinbase  
binance xe xa

Sentiment(polarity=0.1, subjectivity=0.8)  
Positive  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
happy belated pizza day bitcoin bitcoinpizzaday  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
please stay away shit coin webdollar least nthat make bitcoin worth xe xa  
Sentiment(polarity=-0.06666666666666667, subjectivity=0.4333333333333334)  
Negative  
giving away nano bitcoin help spread word could win xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
wow nearly half years ago bitcoin cash one middle xf xa xa xf xa xa still unsold  
Sentiment(polarity=-0.022222222222222216, subjectivity=0.3888888888888889)  
Negative  
redraw btc winner xf ncongrats xf xa xb hours dm link comment xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
since inflation devalued dollar also since bitcoin bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt bitcoin update expect bitcoin pump touch hourly golden cross happen amp hourl  
xe xa  
Sentiment(polarity=0.15, subjectivity=0.25)  
Positive  
gitcoin good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
people reveal bad behavior indicates someone nmailonline coronavirus news  
noticias bitcoi xe xa  
Sentiment(polarity=-0.6999999999999998, subjectivity=0.6666666666666666)  
Negative  
learn bitcoin mining comfort njoin bitcoin class  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
holding memorial day giveaway giving bitcoin followers retweet tag frie xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin ascending triangle xf bet btc via xe xb xe  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
roger ver eventually abandon bitcoin cash  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin continues work independently without fuss modern world bitcoin math

emoti xe xa  
Sentiment(polarity=0.1, subjectivity=0.2125)  
Positive  
anyone else relate xf bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
surveillance video shows us swimmers rio gas station nfoxnews news noticias  
bitcoin cryptocurrency xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin twitter best twitter  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive  
new hotel formed train carriages positioned br ndailymailuk news noticias  
bitcoin cryptocur xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
rowing today asked someone help explain bitcoin see gotten variety responses  
hope th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe new video xe ni head swamp known sub marketcap coins nis anything good  
lurking ni che xe xa  
Sentiment(polarity=0.418181818181815, subjectivity=0.527272727272723)  
Positive  
yeah good sure xf many bags different crypto ni tend xe xa  
Sentiment(polarity=0.425, subjectivity=0.647222222222223)  
Positive  
grayscale bitcoin trust whole new level naverage weekly investment million  
naverage weekly xe xa  
Sentiment(polarity=0.168181818181818, subjectivity=0.427272727272725)  
Positive  
obasa learn bitcoin mining comfort njoin bitcoin class xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
got ruby red australia xf xa xf xba fantasric card app exchange bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin btc hashrate freefalling halving th vanished rofl nultra kek nbula mad  
miners exitpum xe xa  
Sentiment(polarity=0.08750000000000002, subjectivity=0.95)  
Positive  
know ct like guy jerome powell fed really understands bitcoin pretty open minde  
xe xa  
Sentiment(polarity=0.15, subjectivity=0.566666666666667)  
Positive  
royalty btc exper xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 breaking bitcoin owned wall street nif keep accumulating bitcoin satoshi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 nano electronic cash need hold exchange network fees xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitches like eat rich get discord call pc boyfriend bitcoin  
 Sentiment(polarity=0.375, subjectivity=0.75)

Positive  
 absolutely strange harvard business review publishes incompetent article treats  
 bitcoin xe cstable xe xa  
 Sentiment(polarity=-0.19999999999999998, subjectivity=0.25833333333333336)

Negative  
 lol bitcoin amazon crypto ethereum like ebay chance  
 Sentiment(polarity=0.8, subjectivity=0.7)

Positive  
 hello nimfex free giveaway users like retweet follow us twitter xe xa  
 Sentiment(polarity=0.4, subjectivity=0.8)

Positive  
 bitcoin investment app ceo calls btc monetary revolution technical one  
 Sentiment(polarity=0.0, subjectivity=0.1)

Neutral  
 xe bitcoin xe money  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin backed full skepticism discredit government  
 Sentiment(polarity=0.35, subjectivity=0.55)

Positive  
 happy pizza day  
 Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
 bitcoin apex predator money none previous monetary life forms stand chance gt  
 read xf  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)

Negative  
 bitcoin least uncertain monetary system existence rochard  
 Sentiment(polarity=-0.3, subjectivity=0.4)

Negative  
 premium faraday bags arrived faraday backpacks phone sleeves hw wallet sleeves  
 dry bags available xe xa  
 Sentiment(polarity=0.16666666666666669, subjectivity=0.5)

Positive  
 two papa john pizzas njump starting new economy pricele  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)

Positive  
 happy bitcoin pizza day  
 Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
ctdl happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
bitcoin network designed beautifully always awe inspiring see protocol simply  
work chugging along xe xa  
Sentiment(polarity=0.45, subjectivity=0.7857142857142857)

Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)

Positive  
great hear vision using lightning network quicker settlement bitcoin allo xe xa  
Sentiment(polarity=0.8, subjectivity=0.75)

Positive  
first laugh mine bitcoin  
Sentiment(polarity=0.275, subjectivity=0.2166666666666667)

Positive  
government big business stealing money naudio documentary featuring xe xa  
Sentiment(polarity=0.0, subjectivity=0.05)

Neutral  
bitcoin savings technology  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
ok banker  
Sentiment(polarity=0.5, subjectivity=0.5)

Positive  
bitcoins primary value freedom money invention seperates money state puts check  
au xe xa  
Sentiment(polarity=0.4, subjectivity=0.5)

Positive  
venezuela filed billion lawsuit bank england releasing gold stored xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
digitally centralized assets deeply unsafe put much family wealth assets  
stranger xe xa  
Sentiment(polarity=0.0666666666666667, subjectivity=0.20000000000000004)

Positive  
bitcoin first incorruptible substance humanity ever nthis worth listen  
Sentiment(polarity=0.35000000000000003, subjectivity=0.41111111111111115)

Positive  
gold trillion market cap zero merchant adoption nso people think bitcoin value  
xe xe xa



Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
calling rustaceans nthe good folks supporting initiative establish new  
decentralized sta xe xa  
Sentiment(polarity=0.36212121212121, subjectivity=0.4348484848484849)  
Positive  
bitcoin issuance rate par gold nmeanwhile top central banks printed trillion  
past xe xa  
Sentiment(polarity=0.0833333333333333, subjectivity=0.3333333333333333)  
Positive  
bitcoin usd transferred possible satoshi owned wallet xe xb xef xb coins  
transaction xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
rt alert xf xa xf xa xf xa btc usd transferred possible satoshi owned wallet  
dormant since unknown wallet xe xb xef xb xe xa  
Sentiment(polarity=-0.05, subjectivity=0.8)  
Negative  
satoshi  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wrong answers proves craig satoshi  
Sentiment(polarity=-0.1, subjectivity=0.45)  
Negative  
reminder need ask anyone permission use build contribute bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin optech newsletter relays request comment proposed change bip taproot  
transact xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
congratulations first contribution bitcoin  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
people ask sure model nof course bitcoin model guarantee nbut  
Sentiment(polarity=0.5, subjectivity=0.8888888888888888)  
Positive  
get one run  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
im bit bored btc feel like xe kinda seen fud scammers xe cinstitutional adoption  
xe xe cuse xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
inflation theft means fed stealing time mean everyone around xe xa  
Sentiment(polarity=-0.3125, subjectivity=0.6875)  
Negative  
joined us effort decentralize bitcoin mining rust dev skills want join xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
everyone square crypto mad including info nwe looking devs want help build stra  
xe xa  
Sentiment(polarity=-0.625, subjectivity=1.0)  
Negative  
live computer simulation bitcoin latest software update  
Sentiment(polarity=0.3181818181818182, subjectivity=0.7)  
Positive  
bitcoin higher uptime every major tech company ngood luck trying stop  
Sentiment(polarity=0.15625, subjectivity=0.5)  
Positive  
chairman advertising bitcoin keep good work  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
lagarde says risk euro currency irreversible nok boomer  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
defiance episode bitcoin one lesson nmy entire episode beginner guide filtered  
single episode xe xa  
Sentiment(polarity=-0.03571428571428571, subjectivity=0.41964285714285715)  
Negative  
money counter brrr  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin official account bitcoin official leader bitcoin official anything  
entire point  
Sentiment(polarity=0.0, subjectivity=0.625)  
Neutral  
crossed billionth trade threshold crypto market database holds billion trades xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tweet league count  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
name iconic tweet wait  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
weird one bitcoin xe defense mechanisms ndespite meteoric price rise exponential  
global adoption since xe xa  
Sentiment(polarity=-0.25, subjectivity=0.5)  
Negative  
also good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
bitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin fixes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 federal reserve chairman print money digitally central bank ability create money  
 Sentiment(polarity=0.0, subjectivity=0.25)  
 Neutral  
 bitcoin created  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 money printer goes brrr  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xe xa xef xb fthis podcast episode mandatory xe xa xef xb njoin odell sit  
 mahmudov discuss br xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 take red pill question money  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoiners revolutionaries  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 keys bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf hodling xf xf using xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ceo coinbase responded fake jk rowling tweet encouraged buy shitcoins  
 Sentiment(polarity=-0.5, subjectivity=1.0)  
 Negative  
 people lebanon get week money nfull report situation  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin created  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 explain bitcoin single tweet  
 Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
 Negative  
 rowling angry disappointed  
 Sentiment(polarity=-0.625, subjectivity=0.875)  
 Negative  
 rowling  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 eliminating trusted third parties bitcoin restores many best qualities money

natively online xe xa  
Sentiment(polarity=0.5, subjectivity=0.26666666666666666)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.60000000000000001)  
Positive  
need bitcoin makes people question works buy nbtw th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling bitcoin fix  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling chance use xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.60000000000000001)  
Positive  
rowling thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
bitcoin nthey equivalent  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
video explains bitcoin two minutes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
fair enough  
Sentiment(polarity=0.35, subjectivity=0.7)  
Positive  
bitcoin may seem complex even today people explain internet works nthi xe xa  
Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
rowling cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe magic internet money  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.60000000000000001)  
Positive

welcome greater depression structure  
Sentiment(polarity=0.65, subjectivity=0.7)  
Positive  
favorite slides talk nfiat vs crypto quote currency dominance volume ndata  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
started st place amp nd place ntoday reached new mi xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
rt delighted announce launch open source developer grant program program hope  
add xe xa  
Sentiment(polarity=0.35, subjectivity=0.6)  
Positive  
freedom property rights inseparable one without george washington  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
happy announce book bitcoin time finally nnow available paperback kindle xe xa  
Sentiment(polarity=0.4000000000000001, subjectivity=0.7999999999999999)  
Positive  
formation th hodl wave described presentation conference https xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cryptocurrency bloomed diverse ecosystem nprofessor coins ncorporate coins  
nprivacy coins nstable coins nmeme coins xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
either use bitcoin node trust  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
price beginning bitcoin epochs st epoch single digit nd epoch two digits rd  
epoch three digits xe xa  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
Negative  
bitcoin epoch iii ended truly remarkable see far come along since nhere xe xa  
Sentiment(polarity=0.425, subjectivity=0.875)  
Positive  
good things come wait  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
rt published new paper bitcoin history exponentially increasing series  
speculative bubbles xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
twenty four hours halving  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ignorati logic problem however number copycat cryptocurrencies undermines idea  
scar xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin optech newsletter describes proposal taproot signatures make additional  
commitment sp xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
meteor approaching earth nfed allow human survival crisis turn liquidity crisis  
Sentiment(polarity=0.0, subjectivity=0.05)  
Neutral  
na  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bang bang owns bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin correlated amp cope stonk bagholders could wish also open bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
short story  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
bitcoin flattens curve  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wow super neat  
Sentiment(polarity=0.21666666666666667, subjectivity=0.8333333333333333)  
Positive  
short story  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
nytimes apr injection fed plan far exceeds rescue  
Sentiment(polarity=0.1, subjectivity=1.0)  
Positive  
money three futures nwhich one choose  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
government prints trillions dollars thin air bitcoin reduced issuance xe xa  
Sentiment(polarity=-0.4, subjectivity=0.8500000000000001)  
Negative  
bitcoin halving occurred block nwe th epoch  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
geiger halvening  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

today marks pivotal moment history nthe third bitcoin halving nlet xe make  
 hashtag trend fall xe xa  
 Sentiment(polarity=0.25, subjectivity=0.4)  
 Positive  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf xa bitcoin halving block visible  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 minute block satoshi building suspense  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 retweet last halving like next  
 Sentiment(polarity=0.0, subjectivity=0.03333333333333333)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 halving uneventful means worked design  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 far come ntime lapse bitcoin price  
 Sentiment(polarity=0.1, subjectivity=1.0)  
 Positive  
 paul tudor jones says assets traditional system seems risky  
 Sentiment(polarity=0.0, subjectivity=0.75)

Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
check bitcoin halving livestream party ad  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
money really simple insist making complicated  
Sentiment(polarity=-0.25, subjectivity=0.6785714285714286)  
Negative  
bitcoin literally money mind  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
code makes bitcoin halving work noriginally  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe always confused goldbugs agree almost every part bitcoin xe design purpose  
end xe xa  
Sentiment(polarity=-0.4, subjectivity=0.7)  
Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
week nomics update revamped cryptoasset pages gains greater xe cshare voice xe  
cry xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
good properties money fixed unchanging reliable secure ngood properties  
technology iterating quickly expanding xe xa  
Sentiment(polarity=0.3833333333333333, subjectivity=0.475)  
Positive  
halving demonstrate even decade monetary policy bitcoin determined software  
humans  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
adam emerges fud stasis  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin era uptime major updates gt crushed chinese mining pool cartel crushed  
vc backed xe xa  
Sentiment(polarity=-0.034375, subjectivity=0.175)  
Negative



halving bitcoin lower inflation rate gold  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
days time bitcoin experience rd block reward halving mining reward reduc xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin risky certain  
Sentiment(polarity=0.21428571428571427, subjectivity=0.5714285714285714)  
Positive  
best profit maximizing strategy fastest horse best performer get wed xe xa  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
also made case owning bitcoin quintessence scarcity premium literally large  
tradeable xe xa  
Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)  
Positive  
bitcoin equals might make sense get case catches enough people think xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
paul tudor jones buys bitcoin citing echo gold bloomberg nthis huge  
Sentiment(polarity=0.40000000000000001, subjectivity=0.9)  
Positive  
remember claimed bitcoin failed died nwhere  
Sentiment(polarity=-0.5, subjectivity=0.3)  
Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
cool thread cypherpunk legend hal finney lots things know  
Sentiment(polarity=0.35, subjectivity=0.65)  
Positive  
life last halving free kraken webinar dan held amp special guests  
Sentiment(polarity=0.2523809523809524, subjectivity=0.4793650793650794)  
Positive  
bitcoin could negative impact reputation central banks assuming use systems  
grows xe xa  
Sentiment(polarity=-0.15, subjectivity=0.325)  
Negative  
bitcoin xf xa last money yojoe xf xb savings technology rochard xf symbol hope

xe xa  
 Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
 Neutral  
 gold old  
 Sentiment(polarity=0.1, subjectivity=0.2)  
 Positive  
 daily reminder  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 libre libra  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin optech newsletter links discussion enhanced qr codes communicating large  
 txs incl xe xa  
 Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)  
 Positive  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 give man bitcoin xe spend day nteach man hodl bitcoin spend rest time tw xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin anarchy scalable entire world worlds  
 Sentiment(polarity=0.0, subjectivity=0.625)  
 Neutral  
 source  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 browsing internet  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 lot people automatically dismiss currency lost cause companies fai xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 billions kicks bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 genesis block  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 slp bitcoin fx evolution collectible financial asset nthis xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.4)

Negative  
 know needs hear hodl keys bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin better real estate property taxes maintenance squatters lawsuits xe xa  
 Sentiment(polarity=0.35, subjectivity=0.4)

Positive  
 inflation sneaks  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 math deceiving nit true every hodler willing sell current price xe xa  
 Sentiment(polarity=0.1999999999999998, subjectivity=0.6)

Positive  
 interested helping develop solutions one bitcoin cryptocurrency xe important  
 long term threats know rust xe xa  
 Sentiment(polarity=0.1999999999999998, subjectivity=0.6333333333333333)

Positive  
 bitcoin economy never closes  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 sat standard may nd nhighlights bitcoin argentina payjoin sponsoring xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 reading still early bitcoin  
 Sentiment(polarity=0.1, subjectivity=0.3)

Positive  
 hey ncan really free without free currency  
 Sentiment(polarity=0.4, subjectivity=0.8)

Positive  
 cost wizard bitcoin btc btc  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt gradually suddenly bitcoin common sense million bitcoin ever vs dollars  
 created xe xa  
 Sentiment(polarity=-0.15, subjectivity=0.5)

Negative  
 spiritual reflections bitcoin halving bitcoin halving like new year eve time  
 differences xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.29393939393939394)

Positive  
 crypto news roundup jan join coindesk podcast editor adam levine senior markets  
 reporter brad xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 central bank digital currencies need decentralization reap full benefits digital  
 currencies central ban xe xa  
 Sentiment(polarity=0.06999999999999999, subjectivity=0.21000000000000002)

Positive

shadow satoshi xe ghost bitcoin mythology matters myth making around satoshi  
reinforces xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
money reimagined designer money machine run post covid world pandemic likely  
accelerate shift xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
fed fork stellar kin looking move onto solana kin foundation seeking move kin xe  
xa  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive  
renbtc quietly goes live latest bid bring bitcoin ethereum renbtc latest  
implementation bitcoin xe xa  
Sentiment(polarity=0.28409090909090906, subjectivity=0.6583333333333333)  
Positive  
bitcoin drops despite golden cross bank calls us stimulus bitcoin struggling  
gather ups xe xa  
Sentiment(polarity=0.15, subjectivity=0.25)  
Positive  
vote eos candidates wants locations first  
Sentiment(polarity=0.225, subjectivity=0.21666666666666667)  
Positive  
us lawmaker proposes legislative groundwork national blockchain strategy new  
bill congress asks xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
blockchain sports tv app ship samsung phones us soon available xe xa  
Sentiment(polarity=0.4, subjectivity=0.4)  
Positive  
aeternity blockchain launches content tipping project xe superhero xe superhero  
lets users increase exposure th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin mining difficulty drops first adjustment halving bitcoin network fine  
tuned key xe xa  
Sentiment(polarity=0.22222222222222224, subjectivity=0.6111111111111111)  
Positive  
nvidia disguised xe fickle xe crypto mining sales gaming revenue lawsuit claims  
amended lawsuit accuses xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
eu supercomputers hijacked covid research mine cryptocurrency number  
supercomputers programmed xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
developers ethereum privacy tool tornado cash smash keys developers ether mixer  
tornado cash dest xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
accel coinbase join pre seed round institutional crypto trading firm falconx  
crypto trading firm pit xe xa  
Sentiment(polarity=-0.20000000000000004, subjectivity=0.4000000000000001)  
Negative  
crypto long amp short mining derivatives point growing sophistication noelle  
acheson picks apart trends globa xe xa  
Sentiment(polarity=-0.025, subjectivity=0.35)  
Negative  
trading contest synthetix aims showcase speed new dex tech synthetix putting  
crypto xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
jk rowling asks bitcoin accursed crypto twitter scares took three hours crypto  
twit xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin fits new monetary order third part breakdown xe money reimagined series  
looks th xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
Positive  
questions cosmos xe sunny aggarwal tendermint cosmos developer part time pirate  
sunny aggarwal xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
aggrieved investors mull suing telegram canceled ton blockchain project backers  
shelved ton xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
surveying carnage movies sports education crisis covid crisis grows industries  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
copper claims new tool removes credit risk crypto trading copper clearloop tool  
lets two parties finalize xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
iov labs takes lightning network new light client iov labs builds platforms  
secured bitcoin xe ha xe xa  
Sentiment(polarity=0.2681818181818182, subjectivity=0.5772727272727273)  
Positive  
kathleen breitman xe xe blaze glory xe ceo tezos reveals biggest fear inspires  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
debt xe buy growth feat jeff booth conversation xe cprice tomorrow xe author key  
str xe xa

Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
people filed claims refunds quadrigacx auditor ey says close made claim xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
stablecoin supply breaks traders demand dollars bitcoin value assets stablecoins  
surpa xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
future xe live kathleen breitman caitlin long consensus distributed gaming xe xa  
Sentiment(polarity=0.0287878787878782, subjectivity=0.3416666666666666)  
Positive  
blockchain bites making sense halving consensus distributed xe first day get  
news first xe xa  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
bitcoin halving arrives mining rewards drop third time history bitcoin third  
halving every four xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
great monetary inflation paul tudor jones xe complete case bitcoin story behind  
soundbite one xe xa  
Sentiment(polarity=0.1666666666666666, subjectivity=0.6166666666666666)  
Positive  
scams schemes crypto privacy feat preston byrne xe cthere xe easy answers xe  
bitcoin companies says lawye xe xa  
Sentiment(polarity=0.4333333333333335, subjectivity=0.8333333333333334)  
Positive  
michelle phan beauty bitcoin beauty mogul michelle phan says million youtube  
subscribers xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
market wrap interest bitcoin rises prices near continue casual investors hearing  
abou xe xa  
Sentiment(polarity=-0.20000000000000007, subjectivity=0.6333333333333333)  
Negative  
covid crisis revived digital dollar debate americans still waiting stimulus  
support xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
internal struggle bitcoin mining giant bitmain escalates physical confrontation  
micree ketuan zhan th xe xa  
Sentiment(polarity=0.0, subjectivity=0.38095238095238093)  
Neutral  
bitcoin breaches first time since february bitcoin price broken barrier days  
befor xe xa  
Sentiment(polarity=-0.07500000000000001, subjectivity=0.3666666666666667)  
Negative

bitcoin news roundup may btc could hit mining ramps coindesk markets daily po xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
stellar enterprise fund invests crypto app abra ahead blockchain integration  
million capital allo xe xa  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive  
bitcoin revenue square xe cash app tops fiat revenue first time bitcoin profit  
square xe cash xe xa  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
bitcoin news roundup may btc stays new startups wrestle market share co xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
amun launches token tracking inverse bitcoin xe price swiss etp provider new  
token lets traders make xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
market wrap bitcoin volatility higher amp lower oil bitcoin volatility risen bit  
xe xa  
Sentiment(polarity=0.25, subjectivity=0.5)  
Positive  
blockfi hires credit suisse prudential execs drive global expansion crypto  
lender blockfi hired two execs xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ibm teams european power grids build green energy blockchain platform ibm  
created new blockchain xe xa  
Sentiment(polarity=-0.02121212121212122, subjectivity=0.2515151515151515)  
Negative  
ibm merck declare fda backed drug tracing blockchain success ibm merck walmart  
kpmg xe drug tracing blockc xe xa  
Sentiment(polarity=0.3, subjectivity=0.0)  
Positive  
near protocol launches following token sale led andreessen horowitz near  
announced monday closing xe xa  
Sentiment(polarity=0.06666666666666667, subjectivity=0.3)  
Positive  
us court dismisses lawsuit riot blockchain xe crypto pivot judge dismissed  
lawsuit alleging xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
crypto long amp short bitcoin xe big rally sign economic resilience bitcoin  
underlying technology xe xa  
Sentiment(polarity=0.037500000000000006, subjectivity=0.25)  
Positive  
enterprise blockchains walled yet vulnerable private enterprise blockchains

prone insider attacks xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.4375)  
 Negative  
 bitcoin halving world xe largest mining pool helping miners xe de risk xe pool  
 largest bitcoin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitfinex tether seek subpoenas across us hunt missing bitfinex tether xe parent  
 company wants xe xa  
 Sentiment(polarity=0.0, subjectivity=0.07500000000000001)  
 Neutral  
 learn telegram xe token troubles telegram success blinded investors risks  
 inherent bui xe xa  
 Sentiment(polarity=0.3, subjectivity=0.0)  
 Positive  
 american buyers fueling bitcoin xe rally data suggests spot futures markets  
 reflect strong bullish sen xe xa  
 Sentiment(polarity=0.21666666666666665, subjectivity=0.36666666666666664)  
 Positive  
 crypto exchange okcoin jumped hoops get licensed japan japan known retail marke  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 andreessen horowitz doubles crypto investments new fund andressen horowitz  
 pointed next gene xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
 Positive  
 bitcoin news roundup april comes btc price bump telegram pulls back token sale  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 alibaba patents blockchain system spots music copycats commerce giant patented  
 blockchain based xe xa  
 Sentiment(polarity=0.0, subjectivity=1.0)  
 Neutral  
 currencies fail primer dollar crisis lebanon massive shortage dollars  
 instigating econom xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.6499999999999999)  
 Negative  
 europeans believe crypto still around years survey poll bitflyer europe suggests  
 conf xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 boerse stuttgart xe bitcoin exchange adds stop orders volatility hedge firm says  
 implemented volatilit xe xa  
 Sentiment(polarity=-0.2, subjectivity=0.4)  
 Negative  
 covid mass surveillance machine feat maya zehavi exploration covid crisis



shiftin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin news roundup april bitcoin could hit soon indonesia created thornless  
 durian xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 defi project dforce refunds affected users hack smart contract hack xe xa  
 Sentiment(polarity=0.21428571428571427, subjectivity=0.6428571428571429)  
 Positive  
 blockchain bites capital constraining compliance tether xe xe interoperability  
 bridge xe researchers developin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 coindesk live xe catastrophic crypto caper quadrigacx know story dead ceo  
 million cus xe xa  
 Sentiment(polarity=-0.03181818181818183, subjectivity=0.45)  
 Negative  
 netherlands xe aml interpretation appears killing crypto firms announced  
 closure one man bitcoin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ether futures activity grows ahead july protocol upgrade new bitmex contract  
 soaring bitfinex long positi xe xa  
 Sentiment(polarity=0.043181818181818175, subjectivity=0.42727272727272725)  
 Positive  
 lightning network messaging political expediency crisis revealed time increasing  
 censorship xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 rise asics step step history bitcoin mining machines maintain bitcoin network un  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin halving xe arms race xe miner efficiency intensifies lead next bitcoin  
 halving xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 us authorities freeze covid website alleged scammer tried sell bitcoin  
 departments justice xe xa  
 Sentiment(polarity=-0.1, subjectivity=0.1)  
 Negative  
 market wrap bitcoin steady short sellers back bitcoin traded sideways friday  
 staying around xe xa  
 Sentiment(polarity=0.05555555555555555, subjectivity=0.26666666666666666)  
 Positive  
 coinbase launches price oracle aimed reduce systemic risk defi space around  
 billions dollars lock xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin news roundup april bitcoin going around around italy uses blockchain  
prev xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
first mover bitcoin catches almighty dollar even xe dash cash bitcoin looking  
like store xe xa  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
arctos inks sale leaseback deal bitcoin miner blockware mining company use  
funding ex xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
openfinance warns delist security tokens without new funds openfinance says  
delist securit xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
market wrap oil rebounds crypto makes gains especially ether oil xe bounceback  
performance seems taking xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
everledger offers diamond industry blockchain based carbon offsetting track  
trace blockchain pioneer everledge xe xa  
Sentiment(polarity=0.1, subjectivity=0.0)  
Positive  
bittrex exec joins mortgage giant fannie mae crypto exchange xe brush nydfs  
reversing pattern gov xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
market wrap oil turmoil bitcoin gains slightly oil futures continue collapse  
bitcoin holds xe xa  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
Negative  
researchers surface privacy vulnerabilities bitcoin lightning network payments  
privacy holes lightning xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
facebook xe xe scaled back xe libra proposal dangerous think stablecoin  
announcements china xe xa  
Sentiment(polarity=-0.3, subjectivity=0.45)  
Negative  
big tech signs rare open source pledge boost supplies covid major tech firms  
opening patents xe xa  
Sentiment(polarity=0.090625, subjectivity=0.5)  
Positive  
hong kong xe first regulator approved bitcoin fund targets raise hong kong  
securities futures commissio xe xa

Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
singapore xe tax airdrops hard forks new crypto guidance singapore xe taxation  
authority clarified xe xa  
Sentiment(polarity=-0.077651515151517, subjectivity=0.49810606060606055)  
Negative  
crypto long amp short battle yields current crisis mean value actual cash xe xa  
Sentiment(polarity=-0.0725, subjectivity=0.3775000000000006)  
Negative  
weekend attack drains decentralized protocol dforce crypto dforce appears lost  
control xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
asset manager renaissance eyes bitcoin futures flagship fund renaissance  
technologies xe market crushing xe xa  
Sentiment(polarity=0.4, subjectivity=0.9)  
Positive  
bitcoin halving miners expect crypto markets react xe cif price performance  
following november xe xa  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
market wrap crypto mining stock hut jumps unusually high trading volume hut  
mining corporation saw bump xe xa  
Sentiment(polarity=0.16, subjectivity=0.5399999999999999)  
Positive  
custody startup curv follows crypto demand asia new hong kong office custody  
startup curv expanded xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.45454545454545453)  
Positive  
money reimagined demand usd stablecoins foreshadows financial disruption  
pandemic increased demand fo xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
market wrap ether making big gains stablecoins proliferate ethereum ethereum  
network become pla xe xa  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
decentralized protocol removed eu contact tracing website without notice eu  
researchers concerned xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
open interest cme bitcoin futures rises institutions return market open interest  
bitcoin futures xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
solana blockchain adds korean stablecoin terra better payments solana adding  
terra stablecoin eff xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)

Positive

market wrap bitcoin price volatility declines contrast amp coronavirus upends economic patterns xe xa

Sentiment(polarity=0.2, subjectivity=0.2)

Positive

andrew yang says current stimulus payments americans xe enough andrew yang ex presidential contender xe xa

Sentiment(polarity=0.0, subjectivity=0.45)

Neutral

chinese defi platform dforce raises multicoins huobi capital one china xe largest defi platforms xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

bitcoin tests spot trading volumes subside normal levels weeks elevated activity trading volume xe xa

Sentiment(polarity=0.15, subjectivity=0.6499999999999999)

Positive

makerdao users sue stablecoin issuer following xe black thursday xe losses lawsuit maker foundation clai xe xa

Sentiment(polarity=-0.08333333333333333, subjectivity=0.26666666666666666)

Negative

bitcoin drops traders see bearish signals futures markets bitcoin slid monday lowest point pas xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

europe debates covid contact tracing respects privacy european researchers looking ways track xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

covid xe immunity passport xe unites firms self sovereign id project covid credentials initiative cci xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

investors lost big poloniex flash crash receive bitcoin refunds poloniex allowed margin trading coin xe xa

Sentiment(polarity=0.0, subjectivity=0.1)

Neutral

margin lenders lost million may poloniex crypto crash margin lenders poloniex got hit xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

making sense sec xe case telegram telegram lost another round court se xe xe xa

Sentiment(polarity=-0.15000000000000002, subjectivity=0.5)

Negative

bitcoin halving miners preparing lower block rewards latest bitcoin halving approaches miners xe xa

Sentiment(polarity=0.5, subjectivity=0.9)

Positive

quantitative tightening key questions changing world wrap another crazy week xe  
million xe xa  
Sentiment(polarity=-0.3, subjectivity=0.95)  
Negative  
factom xe two employees press despite lead investor xe call liquidate factom inc  
cut percent pe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
new york power plant greenidge sold bitcoin mining hash rate greenidge  
generation upstate xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
profit taking keeps bitcoin tight range fed reopens spigot bitcoin ether fell  
slightly thursday tradi xe xa  
Sentiment(polarity=-0.17261904761904762, subjectivity=0.22619047619047616)  
Negative  
internet voting xe secure xe blockchain xe help warns scientific body internet  
voting tools xe including xe xa  
Sentiment(polarity=0.4, subjectivity=0.6)  
Positive  
crypto trading volumes rise india banking crisis covid lockdown nationwide  
coronavirus lockdown xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
top cryptos edge derivatives data suggests newfound risk aversion among traders  
bitcoin ether climbed mo xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
bitcoin cash undergoes xe halving xe event casting shadow miner profitability  
bitcoin cash blockchain network xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
power ledger inks deal allow french consumers customize green energy mix  
australian firm breaking int xe xa  
Sentiment(polarity=-0.1, subjectivity=0.175)  
Negative  
bitcoin tracks stocks sliding back bitcoin trended higher along many traditional  
xe xa  
Sentiment(polarity=0.1875, subjectivity=0.4375)  
Positive  
tesla completes blockchain pilot speed china imports process electric car  
manufacturer participated xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin xe future exactly coming upgrade could improve privacy scaling privacy  
scaling upgrad xe xa  
Sentiment(polarity=0.125, subjectivity=0.1875)  
Positive

nestl xc xa partners rainforest alliance trace coffee beans nestl xc xa added zo  
xc xa gas coffee brand ibm xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
poloniex xe new tron powered ieo platform moves exchange closer justin sun xe  
orbit new platform uses tron xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
new software fix offers bitcoin miners increased security startup brains  
released first functioning code xe xa  
Sentiment(polarity=0.16212121212121, subjectivity=0.26262626262626)  
Positive  
crypto amp fundraising dropped sharply pwc report value crypto amp deals last  
year dropped xe xa  
Sentiment(polarity=-0.0625, subjectivity=0.408333333333333)  
Negative  
steem witnesses freeze latest tit tat hard fork insurgents witnesses steem  
frozen eight xe xa  
Sentiment(polarity=0.10416666666666666, subjectivity=0.720833333333333)  
Positive  
miner perspectives bitcoin halving part new podcast series hosted coindesk  
research analyst chr xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
protect online privacy working home tips privacy professional staying safe onl  
xe xa  
Sentiment(polarity=0.3, subjectivity=0.3)  
Positive  
ether bitcoin price volatility spread hits month low cryptocurrencies hairier  
rides others th xe xa  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
non custodial exchange hodl hodl bringing private bitcoin trading bluewallet  
users bluewallet app soon xe xa  
Sentiment(polarity=0.0, subjectivity=0.375)  
Neutral  
cambrial capital shut coronavirus tanks markets sources cambrial capital crypto  
focused fund xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ripple engineers publish design private transactions xrp ledger ripple engineer  
nik bougalis proposed xe xa  
Sentiment(polarity=0.0, subjectivity=0.375)  
Neutral  
cointracker adds industry partnerships crypto tax reporting tool firm partnered  
number xe xa  
Sentiment(polarity=-0.2, subjectivity=0.4)  
Negative

using bitcoin zimbabwe part six part documentary podcast series third episode  
 six part se xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

judge denies telegram xe request issue gram tokens non us investors federal  
 judge denied telegram request xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

amp files dismissal phone hack case claims crypto exec xe read amp cs terpin  
 claims lost mi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

thousands microsoft servers infected crypto mining botnet since says report  
 attackers apparen xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

ex state street blockchain team drops dlt new data privacy startup data privacy  
 startup manetu goes live earl xe xa  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.4772727272727273)  
 Positive

ex royal mint team provides insurance cover civic crypto wallets coincover  
 providing automa xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

crypto holders still face issues reporting tax liabilities survey cpas finds  
 certified public accountants fami xe xa  
 Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
 Neutral

french central bank puts call digital currency experiments france central bank  
 calling digital cu xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral

crypto derivatives platform gets nod london stock exchange xe software tester  
 zubr opened trad xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

binance cut leveraged tokens users xe xe read warning notices xe binance listed  
 ftx leveraged tokens xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

luxury watchmaker breitling adds first timepieces blockchain rare example real  
 world business dep xe xa  
 Sentiment(polarity=0.25, subjectivity=0.5111111111111112)  
 Positive

makerdao xe stablecoin survived crash smart contract bugs full decentralization  
 defi stablecoin xe xa  
 Sentiment(polarity=0.28214285714285714, subjectivity=0.5964285714285715)  
 Positive

telegram ruling closes another door legally compliant token sales recent ruling  
 stopping telegram distri xe xa  
 Sentiment(polarity=0.1, subjectivity=0.225)  
 Positive

hoard dollar bills others envision germy cash xe quick demise cash based society  
 sustainable xe xa  
 Sentiment(polarity=0.3333333333333333, subjectivity=0.5)  
 Positive

world health organization teams ibm oracle blockchain based coronavirus data hub  
 big names like ibm orac xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral

bitcoin ether prices stagnate traders take wait see approach march crash still  
 fresh crypt xe xa  
 Sentiment(polarity=0.3, subjectivity=0.5)  
 Positive

absorbs team behind defunct block producer eos new york eos creator xe xa  
 Sentiment(polarity=-0.13181818181818183, subjectivity=0.5772727272727273)  
 Negative

us european stocks crypto traders remain cautious american european equity  
 markets extended gain xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

geopolitical crisis may benefit oil gold cbdcs bitcoin demand gold skyrocketing  
 clamor fo xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

bitcoin mining difficulty posts second biggest percentage drop history  
 competition among bitcoin miners xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

devs plot launch telegram xe blockchain without company xe involvement  
 developers discussing ways launch xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

unstable moment chance crypto go mainstream crises create opportunities renewal  
 mo xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

everledger looks beyond blood diamonds esg supply chain collaboration everledger  
 known tracking diamonds xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

stocks bitcoin rally prospects us senate stimulus bill financial markets  
 rebounded tuesday prospects xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

silvergate bank resolves wire transfer issue kept transactions limbo crypto



friendly silvergate bank resol xe xa  
 Sentiment(polarity=0.375, subjectivity=0.5)  
 Positive  
 yale researchers turn hyperledger track carbon emissions team yale openlab  
 exploring xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 long festering defi dapp bug still fixed industry zengo renewing debate personal  
 responsibility xe xa  
 Sentiment(polarity=0.016666666666666666, subjectivity=0.30000000000000004)  
 Positive  
 unlimited qe markets xe price covid market reacts fed announced effectively  
 unlimited xe xa  
 Sentiment(polarity=0.6, subjectivity=0.8)  
 Positive  
 australian share market reveals potential storm us equities bitcoin falls asx  
 fell sharply xe xa  
 Sentiment(polarity=-0.041666666666666664, subjectivity=0.5833333333333334)  
 Negative  
 top secret microsoft opens door government blockchain use government secrets  
 blockchain following recent xe xa  
 Sentiment(polarity=0.024999999999999994, subjectivity=0.3875)  
 Positive  
 indian banks select microsoft exclusive cloud blockchain provider group india  
 based banks struck ne xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 crisis worsens bitcoin become safe liquidity crunch ensuing government interv xe  
 xa  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 reasons central banks launch retail digital currencies central banks four good  
 reasons adopt digi xe xa  
 Sentiment(polarity=0.175, subjectivity=0.275)  
 Positive  
 bitcoiners protect mental health coronavirus crisis coindesk reporter leigh cuen  
 joine xe xa  
 Sentiment(polarity=-0.1, subjectivity=0.2)  
 Negative  
 escape contracts killing company coronavirus xe cnot legal advice xe columnist  
 reviews xe xa  
 Sentiment(polarity=0.2, subjectivity=0.2)  
 Positive  
 australians know crypto use central bank study fewert percent surveyed aust xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.25)  
 Neutral  
 coronavirus api delivers vital statistics unmediated government hands

coronavirus api aggregates presen xe xa  
Sentiment(polarity=0.1, subjectivity=0.4)  
Positive  
storj xe decentralized cloud storage service xe tardigrade xe goes live storage  
system splits files stores xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
Positive  
swiss blockchain exchange sdx hires consensys startup boss head business tim  
grant formerly ceo consens xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
dollar backed stablecoins holding amid coronavirus chaos global equities markets  
continue xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
canadians get us jail time stealing bitcoin twitter scam two scammers used  
twitter account pose xe xa  
Sentiment(polarity=-0.1, subjectivity=0.0)  
Negative  
thieves swindle coronavirus preppers hand sanitizer face mask scams scammers  
purporting sell fac xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe coping spain xe coronavirus lockdown noelle acheson shares details  
perspective first da xe xa  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
swedish central bank bids host bis hub digital currency research sweden xe  
riksbank says digital currenc xe xa  
Sentiment(polarity=0.0, subjectivity=0.08333333333333333)  
Neutral  
binance launches xe blockchain india xe fund binance wazirx plan donate million  
indian bl xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ethereum community grapples coronavirus ethcc cases tick upward number attendees  
contracted covid xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
sec proposal could eventually unleash security token sales companies looking  
raise funds via security token xe xa  
Sentiment(polarity=-0.1, subjectivity=0.6)  
Negative  
price drop casts pall bitcoin miners xe equipment upgrades bitcoin miners spent  
past six months xe xa  
Sentiment(polarity=-0.175, subjectivity=0.175)  
Negative  
qe begins fed cuts rates buys bonds bitcoin rallies effectively xe cqe xe fourth

major xe xa  
 Sentiment(polarity=0.2208333333333333, subjectivity=0.4333333333333335)  
 Positive  
 makerdao quest stable stablecoin continues even tumultuous past harsh critics  
 stab xe xa  
 Sentiment(polarity=-0.225, subjectivity=0.475)  
 Negative  
 bitcoin xe price nearing time highs market confidence xe price bitcoin within  
 striki xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 udi wetheimer cyperpunk myths bitcoin real life coindesk reporter leigh cuen  
 joined vr meetup orga xe xa  
 Sentiment(polarity=0.2, subjectivity=0.30000000000000004)  
 Positive  
 thursday xe market madness strained ethereum xe killer app defi many people  
 trying use ethereum bloc xe xa  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 coindesk takes consensus virtual consensus virtual experience bringing together  
 entire co xe xa  
 Sentiment(polarity=0.0, subjectivity=0.625)  
 Neutral  
 investors hedge long term risk new year bitcoin derivatives quedex new bitcoin  
 derivatives contracts xe xa  
 Sentiment(polarity=0.07424242424242423, subjectivity=0.43636363636363634)  
 Positive  
 makeup mogul michelle phan xe coronavirus strategy educate hodl bitcoin although  
 coronavirus induced eco xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ether suffers record setting drop amid global market turmoil ether fell early  
 morning tra xe xa  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.3333333333333333)  
 Negative  
 australian tax office warn investors crypto misreporting agency set issue  
 warnings hundreds xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ny fed promises cash christine lagarde bitcoin prices slid fifth straight day th  
 xe xa  
 Sentiment(polarity=0.2, subjectivity=0.4)  
 Positive  
 arrested japan obtaining crypto linked coincheck xe hack men alleged offload xe  
 xa  
 Sentiment(polarity=-0.1, subjectivity=0.1)  
 Negative  
 figure technologies securitizes home equity loans blockchain deal may serve

showcase dlt xe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe another surprising reason crypto prices fell xe derivatives traditional  
markets recent sell dr xe xa  
Sentiment(polarity=0.2333333333333333, subjectivity=0.5)  
Positive  
previously crypto blockfi adds cash ramp silvergate partnership crypto lender  
blockfi supports xe xa  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
Negative  
already bitcoin early adopter still many risks rough edges hodlers time bitcoin  
xe xa  
Sentiment(polarity=0.16666666666666666, subjectivity=0.40000000000000001)  
Positive  
average us worker must work hours buy single share amp index nin  
Sentiment(polarity=-0.11071428571428571, subjectivity=0.3071428571428571)  
Negative  
second best holding fraction bitcoin bitcoin divisible satoshis  
Sentiment(polarity=0.5, subjectivity=0.15)  
Positive  
bitcoin analogies expect noobs tulips myspace model beanie babies xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin tool freeing humanity oligarchs tyrants dressed get rich quick scheme  
Sentiment(polarity=0.35416666666666663, subjectivity=0.625)  
Positive  
tldr good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.60000000000000001)  
Positive  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
bitcoin contributor day  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin backed full skepticism discredit government  
Sentiment(polarity=0.35, subjectivity=0.55)  
Positive  
happy pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
bitcoin apex predator money none previous monetary life forms stand chance gt  
read xf  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
Negative  
bitcoin least uncertain monetary system existence rochard

Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
premium faraday bags arrived faraday backpacks phone sleeves hw wallet sleeves  
dry bags available xe xa  
Sentiment(polarity=0.16666666666666669, subjectivity=0.5)  
Positive  
two papa john pizzas njump starting new economy pricele  
Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
bitcoin network designed beautifully always awe inspiring see protocol simply  
work chugging along xe xa  
Sentiment(polarity=0.45, subjectivity=0.7857142857142857)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
great hear vision using lightning network quicker settlement bitcoin allo xe xa  
Sentiment(polarity=0.8, subjectivity=0.75)  
Positive  
first laugh mine bitcoin  
Sentiment(polarity=0.275, subjectivity=0.21666666666666667)  
Positive  
government big business stealing money naudio documentary featuring xe xa  
Sentiment(polarity=0.0, subjectivity=0.05)  
Neutral  
bitcoin savings technology  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ok banker  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
bitcoins primary value freedom money invention seperates money state puts check  
au xe xa  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
venezuela filed billion lawsuit bank england releasing gold stored xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
digitally centralized assets deeply unsafe put much family wealth assets  
stranger xe xa  
Sentiment(polarity=0.06666666666666667, subjectivity=0.20000000000000004)  
Positive  
bitcoin first incorruptible substance humanity ever nthis worth listen  
Sentiment(polarity=0.35000000000000003, subjectivity=0.41111111111111115)  
Positive  
gold trillion market cap zero merchant adoption nso people think bitcoin value  
xe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
calling rustaceans nthe good folks supporting initiative establish new  
decentralized sta xe xa  
Sentiment(polarity=0.3621212121212121, subjectivity=0.4348484848484849)  
Positive  
bitcoin issuance rate par gold nmeanwhile top central banks printed trillion  
past xe xa  
Sentiment(polarity=0.08333333333333333, subjectivity=0.3333333333333333)  
Positive  
bitcoin usd transferred possible satoshi owned wallet xe xb xef xb coins  
transaction xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
satoshi  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wrong answers proves craig satoshi  
Sentiment(polarity=-0.1, subjectivity=0.45)  
Negative  
satoshi  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
reminder need ask anyone permission use build contribute bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin optech newsletter relays request comment proposed change bip taproot  
transact xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
congratulations first contribution bitcoin  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
people ask sure model nof course bitcoin model guarantee nbut  
Sentiment(polarity=0.5, subjectivity=0.8888888888888888)  
Positive  
get one run

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
im bit bored btc feel like xe kinda seen fud scammers xe cinstitutional adoption  
xe xe cuse xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
inflation theft means fed stealing time mean everyone around xe xa  
Sentiment(polarity=-0.3125, subjectivity=0.6875)  
Negative  
joined us effort decentralize bitcoin mining rust dev skills want join xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
everyone square crypto mad including info nwe looking devs want help build stra  
xe xa  
Sentiment(polarity=-0.625, subjectivity=1.0)  
Negative  
live computer simulation bitcoin latest software update  
Sentiment(polarity=0.3181818181818182, subjectivity=0.7)  
Positive  
bitcoin higher uptime every major tech company ngood luck trying stop  
Sentiment(polarity=0.15625, subjectivity=0.5)  
Positive  
chairman advertising bitcoin keep good work  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
lagarde says risk euro currency irreversible nok boomer  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
defiance episode bitcoin one lesson nmy entire episode beginner guide filtered  
single episode xe xa  
Sentiment(polarity=-0.03571428571428571, subjectivity=0.41964285714285715)  
Negative  
money counter brrr  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin official account bitcoin official leader bitcoin official anything  
entire point  
Sentiment(polarity=0.0, subjectivity=0.625)  
Neutral  
crossed billionth trade threshold crypto market database holds billion trades xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tweet league count  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
name iconic tweet wait  
Sentiment(polarity=0.5, subjectivity=0.5)

Positive  
 weird one bitcoin xe defense mechanisms ndespite meteoric price rise exponential  
 global adoption since xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.5)  
 Negative  
 also good bitcoin  
 Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
 Positive  
 bitcoin fixes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin fixes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 federal reserve chairman print money digitally central bank ability create money  
 Sentiment(polarity=0.0, subjectivity=0.25)  
 Neutral  
 bthis bitcoin created  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 money printer goes brrr  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xe xa xef xb fthis podcast episode mandatory xe xa xef xb njoin odell sit  
 mahmudov discuss br xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 take red pill question money  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoiners revolutionaries  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 keys bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ceo coinbase responded fake jk rowling tweet encouraged buy shitcoins  
 Sentiment(polarity=-0.5, subjectivity=1.0)  
 Negative  
 people lebanon get week money nfull report situation  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin created  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 explain bitcoin single tweet  
 Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
 Negative



angry disappointed  
Sentiment(polarity=-0.625, subjectivity=0.875)  
Negative  
eliminating trusted third parties bitcoin restores many best qualities money  
natively online xe xa  
Sentiment(polarity=0.5, subjectivity=0.26666666666666666)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
need bitcoin makes people question works buy nbtw th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling bitcoin fix  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling chance use xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
rt rowling thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
bitcoin nthey equivalent  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
rowling video explains bitcoin two minutes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling fair enough  
Sentiment(polarity=0.35, subjectivity=0.7)  
Positive  
rowling bitcoin may seem complex even today people explain internet works nthi  
xe xa  
Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
rt rowling cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe magic internet money

Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
welcome greater depression structure  
Sentiment(polarity=0.65, subjectivity=0.7)  
Positive  
favorite slides talk nfiat vs crypto quote currency dominance volume ndata  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
started st place amp nd place ntoday reached new mi xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
delighted announce launch open source developer grant program program hope add  
xe xa  
Sentiment(polarity=0.35, subjectivity=0.6)  
Positive  
freedom property rights inseparable one without george washington  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
happy announce book bitcoin time finally nnow available paperback kindle xe xa  
Sentiment(polarity=0.4000000000000001, subjectivity=0.799999999999999)  
Positive  
formation th hodl wave described presentation conference https xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cryptocurrency bloomed diverse ecosystem nprofessor coins ncorporate coins  
nprivacy coins nstable coins nmeme coins xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
either use bitcoin node trust  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
price beginning bitcoin epochs st epoch single digit nd epoch two digits rd  
epoch three digits xe xa  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
Negative  
bitcoin epoch iii ended truly remarkable see far come along since nhere xe xa  
Sentiment(polarity=0.425, subjectivity=0.875)  
Positive  
good things come wait  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
published new paper bitcoin history exponentially increasing series speculative  
bubbles xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive

twenty four hours halving  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ignorati logic problem however number copycat cryptocurrencies undermines idea  
 scar xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin optech newsletter describes proposal taproot signatures make additional  
 commitment sp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 meteor approaching earth nfed allow human survival crisis turn liquidity crisis  
 Sentiment(polarity=0.0, subjectivity=0.05)  
 Neutral  
 na  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bang bang owns bitcoin xf xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin correlated amp cope stonk bagholders could wish also open bitcoin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.5)  
 Neutral  
 short story  
 Sentiment(polarity=0.0, subjectivity=0.3)  
 Neutral  
 bitcoin flattens curve  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 wow super neat  
 Sentiment(polarity=0.21666666666666667, subjectivity=0.8333333333333333)  
 Positive  
 short story  
 Sentiment(polarity=0.0, subjectivity=0.3)  
 Neutral  
 nytimes apr injection fed plan far exceeds rescue  
 Sentiment(polarity=0.1, subjectivity=1.0)  
 Positive  
 money three futures nwhich one choose  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 government prints trillions dollars thin air bitcoin reduced issuance xe xa  
 Sentiment(polarity=-0.4, subjectivity=0.8500000000000001)  
 Negative  
 bitcoin halving occurred block nwe th epoch  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
today marks pivotal moment history nthe third bitcoin halving nlet xe make  
hashtag trend fall xe xa  
Sentiment(polarity=0.25, subjectivity=0.4)  
Positive  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa bitcoin halving block visible  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
minute block satoshi building suspense  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
retweet last halving like next  
Sentiment(polarity=0.0, subjectivity=0.03333333333333333)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
halving uneventful means worked design  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
far come ntime lapse bitcoin price  
Sentiment(polarity=0.1, subjectivity=1.0)  
Positive  
paul tudor jones says assets traditional system seems risky  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral

tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 check bitcoin halving livestream party ad  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 money really simple insist making complicated  
 Sentiment(polarity=-0.25, subjectivity=0.6785714285714286)  
 Negative  
 bitcoin literally money mind  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 code makes bitcoin halving work nororiginally  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xe always confused goldbugs agree almost every part bitcoin xe design purpose  
 end xe xa  
 Sentiment(polarity=-0.4, subjectivity=0.7)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 week nomics update revamped cryptoasset pages gains greater xe cshare voice xe  
 cry xe xa  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 good properties money fixed unchanging reliable secure ngood properties  
 technology iterating quickly expanding xe xa  
 Sentiment(polarity=0.3833333333333333, subjectivity=0.475)  
 Positive  
 halving demonstrate even decade monetary policy bitcoin determined software  
 humans  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 adam emerges fud stasis  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin era uptime major updates gt crushed chinese mining pool cartel crushed  
 vc backed xe xa  
 Sentiment(polarity=-0.034375, subjectivity=0.175)  
 Negative  
 halving bitcoin lower inflation rate gold

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
days time bitcoin experience rd block reward halving mining reward reduc xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin risky certain  
Sentiment(polarity=0.21428571428571427, subjectivity=0.5714285714285714)  
Positive  
best profit maximizing strategy fastest horse best performer get wed xe xa  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
also made case owning bitcoin quintessence scarcity premium literally large  
tradeable xe xa  
Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)  
Positive  
bitcoin equals might make sense get case catches enough people think xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
paul tudor jones buys bitcoin citing echo gold bloomberg nthis huge  
Sentiment(polarity=0.40000000000000001, subjectivity=0.9)  
Positive  
remember claimed bitcoin failed died nwhere  
Sentiment(polarity=-0.5, subjectivity=0.3)  
Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
cool thread cypherpunk legend hal finney lots things know  
Sentiment(polarity=0.35, subjectivity=0.65)  
Positive  
life last halving free kraken webinar dan held amp special guests  
Sentiment(polarity=0.2523809523809524, subjectivity=0.4793650793650794)  
Positive  
bitcoin could negative impact reputation central banks assuming use systems  
grows xe xa  
Sentiment(polarity=-0.15, subjectivity=0.325)  
Negative  
bitcoin xf xa last money yojoe xf xb savings technology rochard xf symbol hope  
xe xa

Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
 Neutral  
 gold old  
 Sentiment(polarity=0.1, subjectivity=0.2)  
 Positive  
 daily reminder  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 libre libra  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin optech newsletter links discussion enhanced qr codes communicating large  
 txs incl xe xa  
 Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)  
 Positive  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 give man bitcoin xe spend day nteach man hodl bitcoin spend rest time tw xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin anarchy scalable entire world worlds  
 Sentiment(polarity=0.0, subjectivity=0.625)  
 Neutral  
 browsing internet  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 lot people automatically dismiss currency lost cause companies fai xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 billions kicks bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 genesis block  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 slp bitcoin fx evolution collectible financial asset nthis xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.4)  
 Negative  
 know needs hear hodl keys bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

bitcoin better real estate property taxes maintenance squatters lawsuits xe xa  
 Sentiment(polarity=0.35, subjectivity=0.4)  
 Positive  
 inflation sneaks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 math deceiving nit true every hodler willing sell current price xe xa  
 Sentiment(polarity=0.1999999999999998, subjectivity=0.6)  
 Positive  
 interested helping develop solutions one bitcoin cryptocurrency xe important  
 long term threats know rust xe xa  
 Sentiment(polarity=0.1999999999999998, subjectivity=0.6333333333333333)  
 Positive  
 bitcoin economy never closes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 sat standard may nd nhighlights bitcoin argentina payjoin sponsoring xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 reading still early bitcoin  
 Sentiment(polarity=0.1, subjectivity=0.3)  
 Positive  
 bitcoin fixes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin fixes  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 already bitcoin early adopter still many risks rough edges hodlers time bitcoin  
 xe xa  
 Sentiment(polarity=0.16666666666666666, subjectivity=0.40000000000000001)  
 Positive  
 average us worker must work hours buy single share amp index nin  
 Sentiment(polarity=-0.11071428571428571, subjectivity=0.3071428571428571)  
 Negative  
 second best holding fraction bitcoin bitcoin divisible satoshis  
 Sentiment(polarity=0.5, subjectivity=0.15)  
 Positive  
 bitcoin analogies expect noobs tulips myspace model beanie babies xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin tool freeing humanity oligarchs tyrants dressed get rich quick scheme  
 Sentiment(polarity=0.35416666666666663, subjectivity=0.625)  
 Positive  
 tldr good bitcoin  
 Sentiment(polarity=0.7, subjectivity=0.60000000000000001)  
 Positive  
 econostrologist



Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
bitcoin contributor day  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe bitcoin xe money  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin backed full skepticism discredit government  
Sentiment(polarity=0.35, subjectivity=0.55)  
Positive  
happy pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
mahmudov geiger connerbrown xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ff bitcoiners mahmudov geiger connerbrown xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin apex predator money none previous monetary life forms stand chance gt  
read xf  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
Negative  
bitcoin least uncertain monetary system existence rochard  
Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
premium faraday bags arrived faraday backpacks phone sleeves hw wallet sleeves  
dry bags available xe xa  
Sentiment(polarity=0.16666666666666669, subjectivity=0.5)  
Positive  
two papa john pizzas njump starting new economy pricele  
Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
happy bitcoin pizza day

Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
bitcoin network designed beautifully always awe inspiring see protocol simply  
work chugging along xe xa  
Sentiment(polarity=0.45, subjectivity=0.7857142857142857)  
Positive  
happy bitcoin pizza day  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
great hear vision using lightning network quicker settlement bitcoin allo xe xa  
Sentiment(polarity=0.8, subjectivity=0.75)  
Positive  
first laugh mine bitcoin  
Sentiment(polarity=0.275, subjectivity=0.2166666666666667)  
Positive  
government big business stealing money naudio documentary featuring xe xa  
Sentiment(polarity=0.0, subjectivity=0.05)  
Neutral  
bitcoin savings technology  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ok banker  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
bitcoins primary value freedom money invention seperates money state puts check  
au xe xa  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
venezuela filed billion lawsuit bank england releasing gold stored xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
digitally centralized assets deeply unsafe put much family wealth assets  
stranger xe xa  
Sentiment(polarity=0.0666666666666667, subjectivity=0.20000000000000004)  
Positive  
bitcoin first incorruptible substance humanity ever nthis worth listen  
Sentiment(polarity=0.35000000000000003, subjectivity=0.4111111111111115)  
Positive  
gold trillion market cap zero merchant adoption nso people think bitcoin value  
xe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
calling rustaceans nth the good folks supporting initiative establish new  
decentralized sta xe xa  
Sentiment(polarity=0.3621212121212121, subjectivity=0.4348484848484849)  
Positive  
bitcoin issuance rate par gold nmeanwhile top central banks printed trillion  
past xe xa

Sentiment(polarity=0.08333333333333333, subjectivity=0.3333333333333333)  
Positive  
bitcoin usd transferred possible satoshi owned wallet xe xb xef xb coins  
transaction xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
xf xa xf xa xf xa btc usd transferred possible satoshi owned wallet dormant  
since unknown wallet xe xb xef xb xe xa  
Sentiment(polarity=-0.05, subjectivity=0.8)  
Negative  
satoshi  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wrong answers proves craig satoshi  
Sentiment(polarity=-0.1, subjectivity=0.45)  
Negative  
satoshi  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
reminder need ask anyone permission use build contribute bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt bitcoin optech newsletter relays request comment proposed change bip taproot  
transact xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
congratulations first contribution bitcoin  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
Positive  
people ask sure model nof course bitcoin model guarantee nbut  
Sentiment(polarity=0.5, subjectivity=0.8888888888888888)  
Positive  
get one run  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
im bit bored btc feel like xe kinda seen fud scammers xe cinstitutional adoption  
xe xe cuse xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
inflation theft means fed stealing time mean everyone around xe xa  
Sentiment(polarity=-0.3125, subjectivity=0.6875)  
Negative  
joined us effort decentralize bitcoin mining rust dev skills want join xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
everyone square crypto mad including info nwe looking devs want help build stra  
xe xa  
Sentiment(polarity=-0.625, subjectivity=1.0)

Negative

live computer simulation bitcoin latest software update

Sentiment(polarity=0.3181818181818182, subjectivity=0.7)

Positive

bitcoin higher uptime every major tech company ngood luck trying stop

Sentiment(polarity=0.15625, subjectivity=0.5)

Positive

chairman advertising bitcoin keep good work

Sentiment(polarity=0.7, subjectivity=0.6000000000000001)

Positive

lagarde says risk euro currency irreversible nok boomer

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

defiance episode bitcoin one lesson nmy entire episode beginner guide filtered  
single episode xe xa

Sentiment(polarity=-0.03571428571428571, subjectivity=0.41964285714285715)

Negative

money counter brrr

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

bitcoin official account bitcoin official leader bitcoin official anything  
entire point

Sentiment(polarity=0.0, subjectivity=0.625)

Neutral

crossed billionth trade threshold crypto market database holds billion trades xe  
xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

tweet league count

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

name iconic tweet wait

Sentiment(polarity=0.5, subjectivity=0.5)

Positive

weird one bitcoin xe defense mechanisms ndespite meteoric price rise exponential  
global adoption since xe xa

Sentiment(polarity=-0.25, subjectivity=0.5)

Negative

also good bitcoin

Sentiment(polarity=0.7, subjectivity=0.6000000000000001)

Positive

bitcoin fixes

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

bitcoin fixes

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

federal reserve chairman print money digitally central bank ability create money

Sentiment(polarity=0.0, subjectivity=0.25)  
Neutral  
bitcoin created  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
money printer goes brrr  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe xa xef xb fthis podcast episode mandatory xe xa xef xb njoin odell sit  
mahmudov discuss br xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
take red pill question money  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoiners revolutionaries  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
keys bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf hodling xf xf using xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ceo coinbase responded fake jk rowling tweet encouraged buy shitcoins  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
people lebanon get week money nfull report situation  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin created  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
explain bitcoin single tweet  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
Negative  
angry disappointed  
Sentiment(polarity=-0.625, subjectivity=0.875)  
Negative  
eliminating trusted third parties bitcoin restores many best qualities money  
natively online xe xa  
Sentiment(polarity=0.5, subjectivity=0.26666666666666666)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
need bitcoin makes people question works buy nbtw th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rowling bitcoin fix  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rowling chance use xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
rowling thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
bitcoin nthey equivalent  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
thing smooth bitcoin supply curve  
Sentiment(polarity=0.4, subjectivity=0.5)  
Positive  
video explains bitcoin two minutes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
fair enough  
Sentiment(polarity=0.35, subjectivity=0.7)  
Positive  
bitcoin may seem complex even today people explain internet works nthi xe xa  
Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
rowling cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cuen wizards still need trust gringotts bank nbitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe magic internet money  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
welcome greater depression structure  
Sentiment(polarity=0.65, subjectivity=0.7)  
Positive  
favorite slides talk nfiat vs crypto quote currency dominance volume ndata  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
started st place amp nd place ntoday reached new mi xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive  
delighted announce launch open source developer grant program program hope add  
xe xa  
Sentiment(polarity=0.35, subjectivity=0.6)

Positive  
freedom property rights inseparable one without george washington  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
happy announce book bitcoin time finally nnow available paperback kindle xe xa  
Sentiment(polarity=0.4000000000000001, subjectivity=0.7999999999999999)

Positive  
formation th hodl wave described presentation conference https xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
cryptocurrency bloomed diverse ecosystem nprofessor coins ncorporate coins  
nprivacy coins nstable coins nmeme coins xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
either use bitcoin node trust  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
price beginning bitcoin epochs st epoch single digit nd epoch two digits rd  
epoch three digits xe xa  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)

Negative  
bitcoin epoch iii ended truly remarkable see far come along since nhere xe xa  
Sentiment(polarity=0.425, subjectivity=0.875)

Positive  
good things come wait  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)

Positive  
published new paper bitcoin history exponentially increasing series speculative  
bubbles xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive  
twenty four hours halving  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
ignorati logic problem however number copycat cryptocurrencies undermines idea  
scar xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin optech newsletter describes proposal taproot signatures make additional  
commitment sp xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
meteor approaching earth nfed allow human survival crisis turn liquidity crisis  
Sentiment(polarity=0.0, subjectivity=0.05)

Neutral  
na  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bang bang owns bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin correlated amp cope stonk bagholders could wish also open bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
short story  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
bitcoin flattens curve  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wow super neat  
Sentiment(polarity=0.21666666666666667, subjectivity=0.8333333333333333)  
Positive  
short story  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
nytimes apr injection fed plan far exceeds rescue  
Sentiment(polarity=0.1, subjectivity=1.0)  
Positive  
money three futures nwhich one choose  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
government prints trillions dollars thin air bitcoin reduced issuance xe xa  
Sentiment(polarity=-0.4, subjectivity=0.8500000000000001)  
Negative  
bitcoin halving occurred block nwe th epoch  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
halvening  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
today marks pivotal moment history nthe third bitcoin halving nlet xe make  
hashtag trend fall xe xa  
Sentiment(polarity=0.25, subjectivity=0.4)  
Positive  
tick tock blocks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa bitcoin halving block visible



Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 minute block satoshi building suspense  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock blocks  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 retweet last halving like next  
 Sentiment(polarity=0.0, subjectivity=0.03333333333333333)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 halving uneventful means worked design  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 far come ntime lapse bitcoin price  
 Sentiment(polarity=0.1, subjectivity=1.0)  
 Positive  
 paul tudor jones says assets traditional system seems risky  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 check bitcoin halving livestream party ad  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 money really simple insist making complicated

Sentiment(polarity=-0.25, subjectivity=0.6785714285714286)  
 Negative  
 bitcoin literally money mind  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 code makes bitcoin halving work nororiginally  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xe always confused goldbugs agree almost every part bitcoin xe design purpose  
 end xe xa  
 Sentiment(polarity=-0.4, subjectivity=0.7)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 week nomics update revamped cryptoasset pages gains greater xe cshare voice xe  
 cry xe xa  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 good properties money fixed unchanging reliable secure ngood properties  
 technology iterating quickly expanding xe xa  
 Sentiment(polarity=0.3833333333333333, subjectivity=0.475)  
 Positive  
 halving demonstrate even decade monetary policy bitcoin determined software  
 humans  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 tick tock less blocks  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
 Negative  
 adam emerges fud stasis  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin era uptime major updates gt crushed chinese mining pool cartel crushed  
 vc backed xe xa  
 Sentiment(polarity=-0.034375, subjectivity=0.175)  
 Negative  
 halving bitcoin lower inflation rate gold  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 days time bitcoin experience rd block reward halving mining reward reduc xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin risky certain  
 Sentiment(polarity=0.21428571428571427, subjectivity=0.5714285714285714)

Positive  
best profit maximizing strategy fastest horse best performer get wed xe xa  
Sentiment(polarity=1.0, subjectivity=0.3)

Positive  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)

Negative  
hey  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
also made case owning bitcoin quintessence scarcity premium literally large  
tradeable xe xa  
Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)

Positive  
bitcoin equals might make sense get case catches enough people think xe xa  
Sentiment(polarity=0.0, subjectivity=0.5)

Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)

Negative  
paul tudor jones buys bitcoin citing echo gold bloomberg nthis huge  
Sentiment(polarity=0.40000000000000001, subjectivity=0.9)

Positive  
remember claimed bitcoin failed died nwhere  
Sentiment(polarity=-0.5, subjectivity=0.3)

Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)

Negative  
cool thread cypherpunk legend hal finney lots things know  
Sentiment(polarity=0.35, subjectivity=0.65)

Positive  
life last halving free kraken webinar dan held amp special guests  
Sentiment(polarity=0.2523809523809524, subjectivity=0.4793650793650794)

Positive  
bitcoin could negative impact reputation central banks assuming use systems  
grows xe xa  
Sentiment(polarity=-0.15, subjectivity=0.325)

Negative  
bitcoin xf xa last money yojoe xf xb savings technology rochard xf symbol hope  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)

Neutral  
gold old  
Sentiment(polarity=0.1, subjectivity=0.2)

Positive  
daily reminder  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
libre libra  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin optech newsletter links discussion enhanced qr codes communicating large  
txs incl xe xa  
Sentiment(polarity=0.21428571428571427, subjectivity=0.42857142857142855)  
Positive  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
give man bitcoin xe spend day nteach man hodl bitcoin spend rest time tw xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin anarchy scalable entire world worlds  
Sentiment(polarity=0.0, subjectivity=0.625)  
Neutral  
tick tock less blocks  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.06666666666666667)  
Negative  
lot people automatically dismiss currency lost cause companies fai xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
billions kicks bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
genesis block  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
slp bitcoin fx evolution collectible financial asset nthis xe xa  
Sentiment(polarity=-0.25, subjectivity=0.4)  
Negative  
know needs hear hodl keys bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin better real estate property taxes maintenance squatters lawsuits xe xa  
Sentiment(polarity=0.35, subjectivity=0.4)  
Positive  
inflation sneaks  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
math deceiving nit true every hodler willing sell current price xe xa  
Sentiment(polarity=0.19999999999999998, subjectivity=0.6)  
Positive  
interested helping develop solutions one bitcoin cryptocurrency xe important

long term threats know rust xe xa  
Sentiment(polarity=0.1999999999999998, subjectivity=0.6333333333333333)  
Positive  
bitcoin economy never closes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
already bitcoin early adopter still many risks rough edges hodlers time bitcoin  
xe xa  
Sentiment(polarity=0.1666666666666666, subjectivity=0.4000000000000001)  
Positive  
average us worker must work hours buy single share amp index nin  
Sentiment(polarity=-0.11071428571428571, subjectivity=0.3071428571428571)  
Negative  
second best holding fraction bitcoin bitcoin divisible satoshis  
Sentiment(polarity=0.5, subjectivity=0.15)  
Positive  
bitcoin analogies expect noobs tulips myspace model beanie babies xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin tool freeing humanity oligarchs tyrants dressed get rich quick scheme  
Sentiment(polarity=0.35416666666666663, subjectivity=0.625)  
Positive  
tldr good bitcoin  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
near future bitcoin transactions sidechain peg outs lightning channel activity  
coinjoins  
Sentiment(polarity=0.05, subjectivity=0.2625)  
Positive  
care privacy browse safely amp securely built ad blocker faster chrome amp still  
use extensions xe xa  
Sentiment(polarity=0.45, subjectivity=0.55)  
Positive  
giving away nano bitcoin help spread word could win xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
sun may nUSD nWght nBlk nSize kb nTxS nPool mb bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 watch youtube ad free amp browse securely brave built ad blocker faster google  
 chrome amp still use xe xa  
 Sentiment(polarity=0.6000000000000001, subjectivity=0.9)  
 Positive  
 fxthash  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 uphold wallets soon integrated mobile version brave xf bitcoin brave crypto pri  
 xe xa  
 Sentiment(polarity=0.8, subjectivity=1.0)  
 Positive  
 freak silk learn xef xb xe xa earn xe xa xef xb bitcoin xf xb  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin true freedom xf xa  
 Sentiment(polarity=0.35, subjectivity=0.65)  
 Positive  
 bitcoin investment app ceo calls btc monetary revolution technical one  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 new jackery explorer solarsaga solar panel first impressions preparedmind xe xa  
 Sentiment(polarity=0.19318181818181818, subjectivity=0.3939393939393939)  
 Positive  
 mainstream bitcoinaccepted bitcoinadoption adoption bitcoin investment app ceo  
 calls btc monetary revolution xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 yesterday discovered far easier old videos mine rediscovered lbry youtube posted  
 xe xa  
 Sentiment(polarity=0.1, subjectivity=0.6)  
 Positive  
 dollar intertwined american economy banned people love bitcoin everybody else  
 loves dollars  
 Sentiment(polarity=0.25, subjectivity=0.3)  
 Positive  
 exactly gold remain hard store value option nation states truly wealthy whil xe  
 xa  
 Sentiment(polarity=0.15277777777777776, subjectivity=0.5972222222222222)  
 Positive  
 bitcoin halving happened mean miners crypto crypto news  
 Sentiment(polarity=-0.3125, subjectivity=0.6875)  
 Negative  
 mho comparing ethereum bitcoin like comparing xf evs xf nthey xe great ways xe  
 borrowing thi xe xa  
 Sentiment(polarity=0.8, subjectivity=0.75)  
 Positive  
 heatmap ytd bitcoin leading way btc ngold miners gdx gdxj amp ngold iau gld

nbios xbi ibb xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
going decades politician xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
says xe happily profiting btc scam years coul xe xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
grayscale bitcoin trust whole new level naverage weekly investment million  
naverage weekly xe xa  
Sentiment(polarity=0.16818181818181818, subjectivity=0.42727272727272725)  
Positive  
says xe happily profiting btc scam years xe xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
xe baby al capone xe pulled million crypto heist cryptocurrency crypto xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
airdrop bounty giveaway nrule gt follow gt rt post rt pinned post gt join  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin days since big capitulation march nwhere people called xf xa  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
bitcoin price index usd eur cnz gbp rub  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin celebration giveaway xf xa xb ngiving away btc people follow like xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
live bitcoin price possible daily cryptocurrency news  
Sentiment(polarity=0.04545454545454545, subjectivity=0.5)  
Positive  
remember considered forcing reorg attack bitcoin last year guise xe cprotecting  
yo xe xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
booooooooooooooooooom naikon ceo marc blinder says interview projects like ripple  
xrp tesla aikon ar xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
transaction costs lot lower bitcoin banks millions miners wor xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
still waiting bitcoin amp ethereum xf xa xf xa xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

would worth us right last hours bitcoin  
 Sentiment(polarity=0.1952380952380952, subjectivity=0.2341269841269841)  
 Positive  
 celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
 xe xa follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 would see streets kneel second xf dm serve paypal tikkie paysafecard bitcoin xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 get crypto fix trust wallet nyou buy bitcoin bnb eth ltc xrp using credit de xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 aligrocoin pick random winners eth follow retweet tag people comment xe xa  
 Sentiment(polarity=-0.5, subjectivity=0.5)  
 Negative  
 embrace new world order xf xbb xf xba xf xb xf xb xf xba xf xa xf xb xf xb  
 ncashless society ndigital currencies npeople privacy nfive eyes allianc xe xa  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
 Positive  
 could sumone borrow ethereum bitcoin hours il give straight back possible one xe  
 xa  
 Sentiment(polarity=0.06666666666666667, subjectivity=0.46666666666666666)  
 Positive  
 xf xb giveaway cro random followers remember bell xf xf like xf retweet xf  
 comment cro btc cryp xe xa  
 Sentiment(polarity=-0.5, subjectivity=0.5)  
 Negative  
 gee something happening ngoldman sachs hosting client call bitcoin gold  
 inflation via xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
 dpos btc pizz xe xa  
 Sentiment(polarity=0.8, subjectivity=0.4)  
 Positive  
 one xf xa xf xf one nfiat xc xa bitcoin eth xf xc xa xc xa xc xa xf xc xa xc xa  
 xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 gee something happening ngoldman sachs hosting client call bitcoin gold  
 inflation via xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 imagine hopeless everything would seem right without bitcoin  
 Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)



Positive  
currently use lightning  
Sentiment(polarity=0.0, subjectivity=0.4)

Neutral  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)

Positive  
looks like bitcoin investor  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
boom happened  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xe xb left join giveaway xf xf xb xf xe take chance win free eth cash xf  
ethereum freemoney pa xe xa  
Sentiment(polarity=0.4000000000000001, subjectivity=0.4000000000000001)

Positive  
hash eccaff ebc ff ac fa cfeeacd tx xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)

Positive  
bitcoin times daily active addresses xrp fewer addresses positive balance xe xa  
Sentiment(polarity=0.0313131313131314, subjectivity=0.38181818181818183)

Positive  
record gold bitcoin gold bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
anyone else relate xf bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
back work bitcoin full node sculpture bitcoin cypherpunkswritcode  
donttrustverify https xe xa  
Sentiment(polarity=0.175, subjectivity=0.275)

Positive  
lock account try change username password fa let nthis xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
next block fee rate sat vbyte nhalf hour fee rate sat vbyte nhour fee rate sat  
vbyte nyou broadcast xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
xef xb xf follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)

Neutral  
bitcoin like xc xa mil

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hourly price update xf xa nbitcoin btc usdt nethereum eth usdt  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ia xe dare short bitcoin  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
breaking multinational investment bank goldman sachs host conference call  
discuss bitcoin gold inflation wi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin sentiment xf bet btc via xe xb xe  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
layer going pay less cent kwh mining bitcoin texas possible electricity provider  
pa xe xa  
Sentiment(polarity=-0.08333333333333333, subjectivity=0.5333333333333333)  
Negative  
breaking bitcoin owned wall street nif keep accumulating bitcoin satoshi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
calling bitcoin maxis first time position able ramp aunt wants ge xe xa  
Sentiment(polarity=0.31666666666666665, subjectivity=0.35277777777777778)  
Positive  
shoping sunday let xe see bitcoin market today xf xa xf xbc  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin gospel  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
legalize marijuana federally make usa bitcoin bitcoin trump landslide obamagate  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
much anime bitcoin  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
institutional investors buying btc like crazy halving bitcoin crypto xe xa  
Sentiment(polarity=-0.6, subjectivity=0.9)  
Negative  
tfuel bitcoin btc  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
people broke functionality bitcoin could sell solution

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
binance eosfinex join eosdt stablecoin governance board coindesk bitcoin  
cryptocurrency  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)  
Positive  
btc usd btcusd btc usd nbitcoin buy idea nlong short btc trade  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
xe xa follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral  
rt bitcoin beginner quick fire learning xe xaa xef xb xyz coin next bitcoin xe  
xaa xef xb bitcoin anonymous xe xaa xef xb blockch xe xa  
Sentiment(polarity=0.16666666666666666, subjectivity=0.25)  
Positive  
celebrating bitcoin pizza day xc xa xf nwe xe giving away sats free pizza lucky  
xe xa  
Sentiment(polarity=0.36666666666666667, subjectivity=0.8166666666666667)  
Positive  
bitcoin key nfew understand  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
bitcoin likely enter year bullish phase year cycle nif xe years amp feel xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
breaking bitcoin owned wall street nif keep accumulating bitcoin satoshi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa xf xa xf xa get usd eth free xf xa xf xa xf xa xf xb limited time xf kyc  
xf dwithdraw end xf xa xf xa hurry xf xa xf xa xf join xf xf xf xf  
Sentiment(polarity=0.1642857142857143, subjectivity=0.4714285714285714)  
Positive  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
xf new airdrop exclusive network xf xb reward ecn xf xa referral ecn per  
referral xe link xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive

xe send one person next minutes retweets amp likes follows dzn amp  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 shopping sunday let xe see bitcoin market today xf xa xf xbc  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 never bet bitcoin nbeing bitcoin bearish usually big mistake nyou might right  
 short term xe xa  
 Sentiment(polarity=0.09523809523809523, subjectivity=0.3119047619047619)  
 Positive  
 running win dogecoin thanks nyou join winner every da xe xa  
 Sentiment(polarity=0.5, subjectivity=0.30000000000000004)  
 Positive  
 fool nshame nfool times ni hodled bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin investment app ceo calls btc monetary revolution technical one xe xa  
 bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 found great alternative coinbase btse spot amp futures exchange rivaled  
 Sentiment(polarity=0.8, subjectivity=0.75)  
 Positive  
 imagine totally free market sound money could bitcoin  
 Sentiment(polarity=0.4, subjectivity=0.6000000000000001)  
 Positive  
 bitcoin xe everyone xe okay roughly portfolios hold gold gold market cap tr xe  
 xa  
 Sentiment(polarity=0.2, subjectivity=0.45)  
 Positive  
 rt sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
 Sentiment(polarity=0.55, subjectivity=0.25)  
 Positive  
 diy code portfolio manager investing  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 partially full bag get want nif want like give support hesitate solana sol xe xa  
 Sentiment(polarity=0.35, subjectivity=0.55)  
 Positive  
 xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef xb  
 fto enter xe like amp retweet xe follow amp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin celebration giveaway xf xa xb ngiving away btc people follow like xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 someone ask individual contribute funding core development bitcoin nwhat would  
 xe xa

Sentiment(polarity=0.0, subjectivity=0.4)  
Neutral  
rt imagine hopeless everything would seem right without bitcoin  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
bitcoin transaction fees soar bitcoin halving via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
sol sol days left reduce circulating supply team fastest blockcha xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
breaking bitcoin owned wall street nif keep accumulating bitcoin satoshi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
happy bitcoin pizza day xf nwe xe giving away sats four lucky people njust xe  
xef xb flike amp rt xe xef xb ffollow us xe xef xb freply xe xa  
Sentiment(polarity=0.5666666666666667, subjectivity=0.9166666666666667)  
Positive  
gamers get discount buying atari consoles litecoin litecoin atari ga xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
even know true found lies news lately question everything xe xa  
Sentiment(polarity=0.02499999999999994, subjectivity=0.625)  
Positive  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
bitcoin transaction fee spikes confused reasonable fee pay overpay precious  
satoshis xe xa  
Sentiment(polarity=0.09999999999999999, subjectivity=0.7666666666666666)  
Positive  
paying taxes entity print unlimited money seems odd bitcoin money  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.25)  
Negative  
speedo kaitos plan wait asleep steal bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
made small improvements added live automatic price updates refreshes every xe xa  
Sentiment(polarity=-0.05681818181818182, subjectivity=0.45)  
Negative  
dr craig wright satoshi nakamoto bitcoin bsv  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
magine number billionaires nothing bitcoin gets price  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
one xf xa xf xf one nfiat xc xa bitcoin eth xf xc xa xc xa xc xa xf xc xa xc xa

xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 rt bitcoin sv stupidest mistake going australian government filing shit dr craig  
 wright satoshi naka xe xa  
 Sentiment(polarity=-0.1, subjectivity=0.4)  
 Negative  
 someone moved worth bitcoin nthe fee nfees might little higher usual try fin xe  
 xa  
 Sentiment(polarity=0.02812499999999997, subjectivity=0.3375)  
 Positive  
 layer going pay less cent kwh mining bitcoin texas possible electricity provider  
 pa xe xa  
 Sentiment(polarity=-0.08333333333333333, subjectivity=0.5333333333333333)  
 Negative  
 great news raida patent granted cloudcoin bitcoin  
 Sentiment(polarity=0.8, subjectivity=0.75)  
 Positive  
 need small blocks artificially drive fees high nobody afford use bitcoin without  
 xe xa  
 Sentiment(polarity=-0.22999999999999998, subjectivity=0.6466666666666666)  
 Negative  
 bitcoin money values bitcoin ideology united us state xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitusher get thus forced spend rewards like ponzi scheme otherwise yo xe xa  
 Sentiment(polarity=-0.30000000000000004, subjectivity=0.2)  
 Negative  
 much bitcoin boyyy  
 Sentiment(polarity=0.2, subjectivity=0.2)  
 Positive  
 really proud amazing years grateful day one onto next xe xa  
 Sentiment(polarity=0.46666666666666673, subjectivity=0.6333333333333333)  
 Positive  
 celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
 xe xa follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 bitcoin sentiment xf bet btc via xe xb xe  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin sentiment xf bet btc via xe xb xe  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 till usd easy ninr rub euro imagine aud nzd bottoming xe xa

Sentiment(polarity=0.4333333333333335, subjectivity=0.8333333333333334)  
Positive  
bitcoin usd makes smile moment wake day  
Sentiment(polarity=0.3, subjectivity=0.1)  
Positive  
bitcoin far educational school ever  
Sentiment(polarity=0.175, subjectivity=0.625)  
Positive  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)  
Positive  
never grows old bitcoin  
Sentiment(polarity=0.1, subjectivity=0.2)  
Positive  
grayscale bought equivalent newly mined bitcoin since start controls su xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
aware ure titles nsomething like get bitcoin automaticly deleted nive seen  
livestre xe xa  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive  
bitcoin sentiment coinbase btcusd circletrading btc  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
live paychecks earn mr cook hagin week without sending anyon xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
Positive  
afraid give good go great ntrade bitcoin guaranteed payout nno scam nno ref xe xa  
Sentiment(polarity=0.3, subjectivity=0.75)  
Positive  
bitcoin sentiment xf bet btc via xe xb xe  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin private enough want privacy probably crim xe xa  
Sentiment(polarity=0.0, subjectivity=0.4375)  
Neutral  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
customers buy bitcoin cash app apply small margin market cost bitcoin tend xe xa  
Sentiment(polarity=-0.25, subjectivity=0.4)  
Negative  
ron paul saw bitcoin coming way back nhe might known name knew market demanding  
wo xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

check latest blog post case missed uas freest place xe xa  
Sentiment(polarity=0.5, subjectivity=0.9)  
Positive  
agree also believe bitcoin force governments transparent well  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
aligrocoin airdrop alg nsymbol alg ntotal supply billion nfollow nrt amp tag  
people ncomment xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin xf xe xe xe xe xe xe xe xe xe xe xe xe xe xe price  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
retweet believe one day see bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ever bought anything bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin contributor day  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
funny worst coins left ethereum eos trx etc nand return got fucking bitcoin us  
dollar erc xf  
Sentiment(polarity=-0.3375, subjectivity=0.7)  
Negative  
far educational school ever  
Sentiment(polarity=0.175, subjectivity=0.625)  
Positive  
digibyte subject everyone careful wish bigger exchange bigger xe xa  
Sentiment(polarity=-0.06666666666666667, subjectivity=0.5833333333333333)  
Negative  
arrival final week may shock crypto world june first sto tezos history begins  
einstein xe xa  
Sentiment(polarity=0.125, subjectivity=0.6666666666666666)  
Positive  
legit legally approved bitcoin forex secure investment greater tomorrow invest  
binary trade via bi xe xa  
Sentiment(polarity=0.36666666666666667, subjectivity=0.43333333333333335)  
Positive  
xf xb giveaway cro random followers remember bell xf xf like xf retweet xf  
comment cro btc cryp xe xa  
Sentiment(polarity=-0.5, subjectivity=0.5)  
Negative  
sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
Sentiment(polarity=0.55, subjectivity=0.25)  
Positive  
xf xb bitcoin giveaway xf xb nto enter rt amp like follow us tag friends nends



days bes xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 breaking multinational investment bank goldman sachs host conference call  
 discuss bitcoin gold inflation wi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 nipsey hussle better job explaining bitcoin anyone crypto twitter  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 nipsey hussle better job explaining bitcoin anyone crypto twitter  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 bitcoin going zero  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 price predictions nbitcoin surpasses end year ethereum surpasses nnovember hug  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 guys really stupid ideas kept voicing making harder fo xe xa  
 Sentiment(polarity=-0.44999999999999996, subjectivity=0.5)  
 Negative  
 bitmex wrote good blog first introduced  
 Sentiment(polarity=0.475, subjectivity=0.4666666666666667)  
 Positive  
 goldman sachs holding client call implications current policies inflation gold  
 bitcoin even ba xe xa  
 Sentiment(polarity=0.0, subjectivity=0.4)  
 Neutral  
 follow us let get intangible tokens xf xa xf xaa xf xaf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
 xe xa follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 giving away nano bitcoin help spread word could win xe xa  
 Sentiment(polarity=0.8, subjectivity=0.4)  
 Positive  
 carl menger nature origin money  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 recommend sthcoin iranian president calls national crypto mining strategy  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin investment app ceo calls btc monetary revolution technical one  
 Sentiment(polarity=0.0, subjectivity=0.1)

Neutral

grayscale bought equivalent newly mined bitcoin since start controls su xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive

take keys possession every time buy bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

xe xef xb fjoin network xe xef xb fshare contents xe xef xb fengaged xe xef xb  
fget tokenized reward points bitcoin coinlinked buywithbitcoin buyw xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

aligrocoin pick random winners eth follow retweet tag people comment xe xa  
Sentiment(polarity=-0.5, subjectivity=0.5)

Negative

grayscale bought equivalent newly mined bitcoin since start controls su xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive

bitcoin investment app ceo calls btc monetary revolution technical xc xa one  
Sentiment(polarity=0.0, subjectivity=0.1)

Neutral

bitcoin internet going one major forces reducing role government one thing mis  
xe xa  
Sentiment(polarity=0.0625, subjectivity=0.5)

Positive

sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
Sentiment(polarity=0.55, subjectivity=0.25)

Positive

cos nreally nice play today cosbtc holding one bit longer already target alts  
looking like xe xa  
Sentiment(polarity=0.6, subjectivity=1.0)

Positive

gyp know experience covid like xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

separation money state keeping money state also keep state xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

bitcoin lol  
Sentiment(polarity=0.8, subjectivity=0.7)

Positive

xe discussing momminitmonday monday pm est ignitethefireltc paywithlitecoin xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

shorted nbitcoin nof things scumbags could short decided short bullish asset pla  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.3)

Neutral

sun may nUSD nWght nBlk nSize kb nTxS nPool mb bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin struggles tiny cryptocurrency soared massive btc crypto xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral  
date crypto gained mainstream adoption partly due lack scalability platforms ac  
xe xa  
Sentiment(polarity=-0.125, subjectivity=0.375)  
Negative  
xf xb giveaway cro random followers remember bell xf xf like xf retweet xf  
comment cro btc cryp xe xa  
Sentiment(polarity=-0.5, subjectivity=0.5)  
Negative  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
new blog post blockchain revolutionary explain like xc xa please retweet xe xa  
Sentiment(polarity=0.136363636363635, subjectivity=0.454545454545453)  
Positive  
federal reserve balance sheet broke dollars got bitcoin yet  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goal last year least btc bitcoin international cryptocurrency news  
Sentiment(polarity=-0.0999999999999999, subjectivity=0.1555555555555556)  
Negative  
btc latest block info block holds transactions total bitcoin including block rew  
xe xa  
Sentiment(polarity=0.25, subjectivity=0.825)  
Positive  
transfereuim way trn project launched soon trn ico bitcoin ethereum litecoin  
invest investmen xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt watch youtube ad free amp browse securely brave built ad blocker faster  
google chrome amp still use xe xa  
Sentiment(polarity=0.6000000000000001, subjectivity=0.9)  
Positive  
thought none institution bought xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
sending xcf pi new digital currency developed stanford phds million members  
worldwi xe xa  
Sentiment(polarity=0.07878787878787878, subjectivity=0.2515151515151515)  
Positive  
grayscale bought equivalent newly mined bitcoin since start controls su xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive  
found great alternative coinbase btse spot amp futures exchange rivaled  
Sentiment(polarity=0.8, subjectivity=0.75)

Positive  
sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
Sentiment(polarity=0.55, subjectivity=0.25)

Positive  
rt gee something happening ngoldman sachs hosting client call bitcoin gold  
inflation via xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
thought bitcoin forex trading want know start inbox xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xf xb bitcoin giveaway xf xb nto enter rt amp like follow us tag friends nends  
days bes xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)

Neutral  
meant bitcoin would go moon tried restrict gold owne xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
found great alternative coinbase btse spot amp futures exchange rivaled  
Sentiment(polarity=0.8, subjectivity=0.75)

Positive  
gamers get discount buying atari consoles litecoin litecoin atari ga xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
baby momma xf bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
upon first glance sats holds lower probability happening ya never know ctsi  
bitcoin xe xa  
Sentiment(polarity=0.25, subjectivity=0.3333333333333333)

Positive  
people broke functionality bitcoin could sell solution  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
vijay buy ethereum  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)

Positive  
celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa

xe xa follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
 xef xb xf follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 says btc public staple yet days could en route reports  
 Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
 Neutral  
 steem targets hit profit xf xa xf xa nfor gains join iotx link amb edr oax xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 breaking multinational investment bank goldman sachs host conference call  
 discuss bitcoin gold inflation wi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 crypto com xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
 xef xb xf follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 xe come accept radiohead fan always going disappointment everything kid onwards  
 make xe xa  
 Sentiment(polarity=-0.6, subjectivity=0.4)  
 Negative  
 documentary film review xe banking africa bitcoin revolution xe available amazon  
 prime video  
 Sentiment(polarity=0.2, subjectivity=0.2)  
 Positive  
 change attitude financial institutions towards bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 buywithbitcoin buywithether bitcoin adoption coinlinked nvisit website app xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef xb  
 fto enter xe like amp retweet xe follow amp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bank probably safer bank oldfashioned banks xf xf xa bitcoin viresinnumeris  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 satoshi satoshi satoshi bitcoin liberty  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

shout alisha sheknowsfinance amazing write coinlinked incredible platform  
 bitcoin xe xa  
 Sentiment(polarity=0.75, subjectivity=0.9)  
 Positive  
 current bitcoin price nall forks xf btc xf bch xf bsv xf  
 Sentiment(polarity=0.0, subjectivity=0.4)  
 Neutral  
 breaking multinational investment bank goldman sachs host conference call  
 discuss bitcoin gold inflation wi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf xa financial fun facts jenny ta coinlinked nthe typical lifespan bill mths  
 lifespan xe xa  
 Sentiment(polarity=0.044444444444444446, subjectivity=0.23333333333333333)  
 Positive  
 xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
 xef xb xf follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 zero digital ancestor yes zero digit bitcoin many earth shattering innovations  
 nin pod xe xa  
 Sentiment(polarity=0.25, subjectivity=0.25)  
 Positive  
 receive free xsc tokens extstock airdrop nsteps follow us rt tweet comment  
 cryptocu xe xa  
 Sentiment(polarity=0.4, subjectivity=0.8)  
 Positive  
 teach messing bitcoin wallet bugger  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 future corona virus money system  
 Sentiment(polarity=0.0, subjectivity=0.125)  
 Neutral  
 dr craig wright satoshi nakamoto bitcoin bsv  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 new release bitcoin forge op return support tx creation things ncomments questio  
 xe xa  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
 Positive  
 bought euro bitcoin ntoday days later would euro xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 stupidest mistake going australian government filing shit dr craig wright  
 satoshi naka xe xa  
 Sentiment(polarity=-0.1, subjectivity=0.4)  
 Negative  
 trump tweet bitcoin nothing price go xe xac

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
help defeat ancient magic participating promotion exciting promotions xe xa  
Sentiment(polarity=0.4, subjectivity=0.9)  
Positive  
bitusher problem even cash back paid illegal security ico  
Sentiment(polarity=-0.25, subjectivity=0.25)  
Negative  
goldman sachs scheduled investor client call discuss implications curren xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)  
Positive  
bhow much would suggest average person spend bitcoin  
Sentiment(polarity=0.02500000000000001, subjectivity=0.3)  
Positive  
explaining bitcoin holders haha  
Sentiment(polarity=0.2, subjectivity=0.3)  
Positive  
bitcoin must hold bulls throw towel analyst crypto crypto news xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
beautiful thing nif right gold bitcoin go nif wrong dollar falls gold xe xa  
Sentiment(polarity=0.2119047619047619, subjectivity=0.8119047619047618)  
Positive  
time tell agree one thing though bitcoin boss  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
grayscale bought equivalent newly mined bitcoin since start controls su xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
xe opening new industry xe name bitcoin  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive  
btc xc xa two pizzas happy bitcoin xc xa pizza day xf nto celebrate day like  
give one btc xf nho xe xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
medium term hot wallet sorts everyday payments like mythical bitcoin coffee  
purchase  
Sentiment(polarity=0.024999999999999994, subjectivity=0.7250000000000001)  
Positive  
ford suggested currency backed kilowatt hours kwh exactly found bitcoin bitcoin  
xe xe xa  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive

ny keep bitcoin texas want iota dallas austin houston want keep cities xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

goal last year least btc reddit bitcoin ethereum btc  
Sentiment(polarity=-0.15, subjectivity=0.2333333333333334)  
Negative

time tell agree one thing though bitcoin boss  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

unpopular opinion nif someone calibre kling speak room boomers xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

know us dollar backed intercontinental ballistic missiles aircraft carriers  
nuclear sub xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

hi friends let money work make daily bitcoin investment dm details  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xe matter time xf xf xf bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

cos binance nit really going xf bitcoin btc link ftm tfuel theta coti  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive

bitcoin goldman sachs scheduled investor client call discuss implications  
current united sta xe xa  
Sentiment(polarity=0.0, subjectivity=0.4)  
Neutral

aligrocoin airdrop alg nsymbol alg nttotal supply billion nfollow nrt amp tag  
people ncomment xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

esh holders receive ratio john mcafee ghost privacy coin may th bigger bitcoin  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral

hi friends let money work make daily bitcoin investment dm details  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

nope celsius better interest rates earn cel op xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive

teokanistras xe xa xe xa bitcoin price drops rejecting key resistance  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral

hi friends let money work make daily bitcoin investment dm details  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral



ok xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
found great alternative coinbase btse spot amp futures exchange rivaled  
Sentiment(polarity=0.8, subjectivity=0.75)  
Positive  
bitcoin mentioned xc xa yesterday sunday interesting ntrade side daily channels  
downside xe xa  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive  
bitcoin horrid xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
crypto com xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
xe xa follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral  
xf pump alert cgld usdt bittrex price increase volume cgld usdt bittrex crypto  
bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hi friends let money work make daily bitcoin investment dm details  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
entered bitcoin giveaway enter free  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
bitcoin community plagued bullying immaturity feel like asshole think xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
xef xb xf follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)  
Neutral  
imagine hopeless everything would seem right without bitcoin  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
need bitcoin clunkers program  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe come accept radiohead fan always going disappointment everything kid onwards  
make xe xa  
Sentiment(polarity=-0.6, subjectivity=0.4)  
Negative  
added little bag ctsi let xe see xe lead us xf xa made new higher high low

thanks xe xa  
Sentiment(polarity=0.09314393939393939, subjectivity=0.41575757575757577)  
Positive  
stupidest mistake going australian government filing shit dr craig wright  
satoshi naka xe xa  
Sentiment(polarity=-0.1, subjectivity=0.4)  
Negative  
million bitcoin pizza story unexpected silver lining crypto crypto news  
Sentiment(polarity=0.1, subjectivity=1.0)  
Positive  
cos binance nit really going xf bitcoin btc link ftm tfuel theta coti  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
xf xb bitcoin giveaway xf xb nto enter rt amp like follow us tag friends nends  
days bes xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
savage xf wrote article defi defi reinventing global finance faster fed print  
money xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin retesting support trendline btc daily emas nthis financial advice  
trading involves risk xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hello ni xe teach grow bitcoin ethereum daily earn bitcoin ethe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe xef xb fjoin network xe xef xb fshare contents xe xef xb fengaged xe xef xb  
fget tokenized reward points bitcoin coinlinked buywithbitcoin buyw xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
uphold wallets soon integrated mobile version brave xf bitcoin brave crypto pri  
xe xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
trillion us fed balance sheet trillion printed year alone trillion last days xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
bitcoin btc current price hour hours days btc bitcoin  
Sentiment(polarity=0.0, subjectivity=0.4)  
Neutral  
bitcoin going zero  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
want attention nneed place start ngo buy bitcoin nask code amp send nwe go  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 haaaaaa dumb shit  
 Sentiment(polarity=-0.2875, subjectivity=0.65)

Negative  
 xf xf xf xf xf xa xf xa xf xa xf xf xf xf xf xf xf xa stack sats purchase  
 bitcoin goes thing free  
 Sentiment(polarity=0.4, subjectivity=0.8)

Positive  
 bitcoin magazine presents bitcoin pizza day  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt bitcoin newbie advice gbtc lt coins exchange lt software wallet lt hardware  
 wallet lt multisig non custodial third xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin going zero  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 fall  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 ia fact ment xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt xe happening xe cimplications current policies inflation gold bitcoin xe  
 Sentiment(polarity=0.0, subjectivity=0.4)

Neutral  
 current block height blocks passed since last bitcoin halving bitcoinhalving  
 counter  
 Sentiment(polarity=0.0, subjectivity=0.23333333333333334)

Neutral  
 download bitcoin core old comp  
 Sentiment(polarity=0.1, subjectivity=0.2)

Positive  
 integrated next twitter social poll community app tipbot donate cryptocurr xe xa  
 Sentiment(polarity=0.016666666666666666, subjectivity=0.03333333333333333)

Positive  
 sure whether hate apposed pot yet commented bitcoin  
 Sentiment(polarity=-0.15000000000000002, subjectivity=0.8944444444444444)

Negative  
 ken search internet people buy bitcoin charge fee give ca xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 try xc xa per btc bpi buy bitcoin banktrans  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 still found satoshi bitcoin still dead onwards  
 Sentiment(polarity=-0.2, subjectivity=0.4)

Negative

bitcoin transaction fee spikes confused reasonable fee pay overpay precious  
satoshis xe xa

Sentiment(polarity=0.09999999999999999, subjectivity=0.7666666666666666)

Positive

xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef xb  
fto enter xe like amp retweet xe follow amp xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

venezuela xe hyperinflation rate hit million percent point last year wtf

Sentiment(polarity=-0.25, subjectivity=0.5333333333333333)

Negative

business owner wants accept sell bitcoin ethereum use xe xa

Sentiment(polarity=0.2, subjectivity=0.1)

Positive

happy bitcoin pizza day ntoday spent digibyte make homemade pizzas nhow much dgb  
think spend xe xa

Sentiment(polarity=0.30000000000000004, subjectivity=0.43333333333333335)

Positive

try catchup downloading missed casa jus xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

xe xac xef xb xe xac xef xb btc buying pressure alert xf price trading around xf  
bitcoin crypto

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

yo xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

buying bitcoin really win win nnumber go make money nnumber go bitcoin dollar  
number go

Sentiment(polarity=0.8, subjectivity=0.4)

Positive

bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa

Sentiment(polarity=0.8, subjectivity=0.4)

Positive

bitcoin sv seale tone plank

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
xe xa follow xe xa

Sentiment(polarity=0.0, subjectivity=0.75)

Neutral

breaking multinational investment bank goldman sachs host conference call  
discuss bitcoin gold inflation wi xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

new short video xf xb bs filter confession crypto trader xf xa luv haircut way  
 xf wechoosebitcoinsv xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.37727272727272726)  
 Positive  
 still buying bitcoin high rate dm  
 Sentiment(polarity=0.16, subjectivity=0.5399999999999999)  
 Positive  
 giving away nano bitcoin help spread word could win xe xa  
 Sentiment(polarity=0.8, subjectivity=0.4)  
 Positive  
 sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
 Sentiment(polarity=0.55, subjectivity=0.25)  
 Positive  
 rt xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef  
 xb fto enter xe like amp retweet xe follow amp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 documentary film review xe banking africa bitcoin revolution xe available amazon  
 prime video  
 Sentiment(polarity=0.2, subjectivity=0.2)  
 Positive  
 tweet good bitcoin  
 Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
 Positive  
 court found bitcoin digital asset protected law russia russian pol xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xe happening xe cimplications current policies inflation gold bitcoin xe  
 Sentiment(polarity=0.0, subjectivity=0.4)  
 Neutral  
 bitcoin casino cryptofairplay provably fair games casino affiliate  
 Sentiment(polarity=0.7, subjectivity=0.9)  
 Positive  
 looking projects last days definitely keep eye nex got warm welcome th xe xa  
 Sentiment(polarity=0.35, subjectivity=0.5166666666666666)  
 Positive  
 first follower leadership lessons dancing guy derek sivers bitcoin btc  
 Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
 Positive  
 lifetime package daily signals technical analysis strategies support xe xef xb  
 flimited time pl xe xa  
 Sentiment(polarity=0.0, subjectivity=0.05)  
 Neutral  
 xf celebrate th anniversary bitcoin pizza day hotbit giving away total usdt xe  
 xef xb xf follow xe xa  
 Sentiment(polarity=0.0, subjectivity=0.75)  
 Neutral  
 let small giveaway xf total crypto xf link eth ada zil theta nto different

persons nli xe xa  
 Sentiment(polarity=-0.08333333333333333, subjectivity=0.5833333333333334)  
 Negative  
 rt bitcoin key nfew understand  
 Sentiment(polarity=0.0, subjectivity=1.0)  
 Neutral  
 grayscale bitcoin trust whole new level naverage weekly investment million  
 naverage weekly xe xa  
 Sentiment(polarity=0.16818181818181818, subjectivity=0.42727272727272725)  
 Positive  
 xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef xb  
 fto enter xe like amp retweet xe follow amp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 know bitcoin xe price increased times times respectively year st nd halving xf  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 trillion us fed balance sheet trillion printed year alone trillion last days xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
 Neutral  
 imagine hopeless everything would seem right without bitcoin  
 Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
 Positive  
 sending someone worth bitcoin nfor chance win drop btc address xf xf xe xa  
 Sentiment(polarity=0.55, subjectivity=0.25)  
 Positive  
 make sure buying real bitcoin scammed  
 Sentiment(polarity=0.35, subjectivity=0.5944444444444444)  
 Positive  
 bitcoin contributor day  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 way proof work described actual bitcoin documentation target value xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 told could send million dollars whatsapp without fees instantly anyone anywhere  
 worl xe xa  
 Sentiment(polarity=0.0, subjectivity=0.6666666666666666)  
 Neutral  
 another reason invest china court found bitcoin digital asset protected law russ  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 giving away nano bitcoin help spread word could win xe xa  
 Sentiment(polarity=0.8, subjectivity=0.4)  
 Positive

one xf xa xf xf one nfiat xc xa bitcoin eth xf xc xa xc xa xc xa xf xc xa xc xa  
 xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 humans use credit cards things xe mean anything xe use get bitcoin thing matters  
 Sentiment(polarity=-0.3125, subjectivity=0.6875)  
 Negative  
 adam us get idea looking transactions block explorer xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin leaves banking stocks dust imf warns banks major losses  
 Sentiment(polarity=0.0625, subjectivity=0.5)  
 Positive  
 featured article today please forget subscribe daily newsletter xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 live paychecks earn mr cook hagin week without sending anyone money xe xa  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
 Positive  
 bitcoin could readying stage comeback similar spike according analysts ethereum  
 Sentiment(polarity=0.0, subjectivity=0.4)  
 Neutral  
 gamers get discount buying atari consoles litecoin litecoin atari ga xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf xa thread bitcoin headed market cycle analysis nif go previous threads wrote  
 xe xa  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
 Negative  
 xf xa bitcoin crypto giveaway xf xa xf winner gets btc xf xa xf xa xe xe xef xb  
 fto enter xe like amp retweet xe follow amp xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin nice little profit trading  
 Sentiment(polarity=0.20625, subjectivity=0.75)  
 Positive  
 remi wonders bitphantom xf xa nno shitcoin timeline xf xaa nfollow nreceive give  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin contributor day  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 update overall bitcoin btc btc  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 found great alternative coinbase btse spot amp futures exchange rivaled  
 Sentiment(polarity=0.8, subjectivity=0.75)

Positive  
people broke functionality bitcoin could sell solution  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin today bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
watch youtube ad free amp browse securely brave built ad blocker faster google  
chrome amp still use xe xa  
Sentiment(polarity=0.6000000000000001, subjectivity=0.9)

Positive  
btc may bitmex xbtusd readcrypto xbtusd  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin btc may xbtusd chart  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
thoughtsbackthursday xf xa xa bitcoin outperforming gold amp stocks far month  
bitcoin vs gold xf xaewhich xe xa  
Sentiment(polarity=0.1, subjectivity=1.0)

Positive  
bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin leaves banking stocks dust imf warns banks major losses xe zycrypto xe  
xa  
Sentiment(polarity=0.0625, subjectivity=0.5)

Positive  
celebrate th anniversary bitcoin pizza day xf kucoin giving away total kcs xf xa  
xe xa follow xe xa  
Sentiment(polarity=0.0, subjectivity=0.75)

Neutral  
live paychecks earn mr cook hagin wee xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.5)

Positive  
bitcoin pizza day xf xf xf nretweet friend win cmts cmt ecommerce blockchain  
dpos btc pizz xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)

Positive  
crypto community would like bitcoin puzzle riddles xf xf xa xa next streetart  
murals art crypt xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
giving away nano bitcoin help spread word could win xe xa  
Sentiment(polarity=0.8, subjectivity=0.4)

Positive  
bitcoin might drop tradegang  
Sentiment(polarity=0.0, subjectivity=0.0)



Neutral

africa seen explosion growth among peer peer bitcoin traders within last month even outpacing xe xa

Sentiment(polarity=0.0, subjectivity=0.06666666666666667)

Neutral

bitcoin investment app ceo calls btc monetary revolution technical one news xe xa

Sentiment(polarity=0.0, subjectivity=0.1)

Neutral

http enter promo code takeaction

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

trade crypto forex amp commodities leverage xf giving away btc xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

goldman sachs holding client call implications current policies inflation gold bitcoin even ba xe xa

Sentiment(polarity=0.0, subjectivity=0.4)

Neutral

today marks th anniversary bitcoin pizza day celebration one earliest documented payments made xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

breaking multinational investment bank goldman sachs host conference call discuss bitcoin gold inflation wi xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

people broke functionality bitcoin could sell solution

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

bitcoin investment app ceo calls btc monetary revolution technical one xeonbit live stream

Sentiment(polarity=0.06818181818181818, subjectivity=0.3)

Positive

bitcoin miners use derivatives like traditional commodity producers

Sentiment(polarity=0.0, subjectivity=0.75)

Neutral

xf mining bitcoin contest xf nwrite comment post actual bitcoin price may utc xe xa

Sentiment(polarity=0.0, subjectivity=0.1)

Neutral

piece said bitcoin stock xe xa

Sentiment(polarity=0.0, subjectivity=0.0)

Neutral

hey adam take example mb block mined unknown miner ine xe xa

Sentiment(polarity=-0.1, subjectivity=0.6)

Negative

aligrocoin airdrop alg nsymbol alg ntotal supply billion nfollow nrt amp tag

people ncomment xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
join us sunday pm mst pm est late blockchain breakfast live chel kim meconcash  
south korea xe xa  
Sentiment(polarity=-0.081818181818182, subjectivity=0.55)  
Negative  
worst whining community crypto nyour choice list comment xf xe xa  
Sentiment(polarity=-1.0, subjectivity=1.0)  
Negative  
entered bitcoin giveaway enter free  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
btc xc xa two pizzas happy bitcoin xc xa pizza day xf nto celebrate day like  
give one btc xf nho xe xa  
Sentiment(polarity=0.8, subjectivity=1.0)  
Positive  
deposit bitcoin watch grow sounds dodgy  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
gifted programmer drug gun runner money launderer murderer tied crypto bitcoin  
invented xe xa  
Sentiment(polarity=0.5, subjectivity=1.0)  
Positive  
another reason invest china court found bitcoin digital asset protected law xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin kinda thang  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
interesting probably talk much shit bitcoin push clients xe xa  
Sentiment(polarity=0.15, subjectivity=0.65)  
Positive  
says btc public staple yet days could en route reports  
Sentiment(polarity=0.0, subjectivity=0.066666666666667)  
Neutral  
give someone retweets following within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
bitcoin stuck seems  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
dems repubs matter robbing us bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt date crypto gained mainstream adoption partly due lack scalability platforms  
ac xe xa

[illegible]

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
block historic message imagine message block xf xa xb thoughts xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
reward era new bitcoin day whole world  
Sentiment(polarity=0.16818181818181818, subjectivity=0.42727272727272725)  
Positive  
jpmorgan chase starts accepting bitcoin businesses banking services  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
gold sucks send tweet bitcoin btc bitcoinforum  
Sentiment(polarity=-0.3, subjectivity=0.3)  
Negative  
think bitcoin year need better adoption bitcoinforum  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
bitcoin pizza day fast approaching bitcoinforum  
Sentiment(polarity=0.1, subjectivity=0.3)  
Positive  
btc halving countdown day left xef xbc fun fact student norway flag norway  
bought btc xe xa xe xa  
Sentiment(polarity=0.15, subjectivity=0.1)  
Positive  
mt fox lost bitcoins couple years back leave bitcoins exchanges anyone xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
thanks coming ted talk bitcoin via  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
choose store human time via  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
answer bitcoin price halving via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
money siege probably buy defences via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
halving happen bitcoin code technical via  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
alex winter latest documentary trust machine story blockchain currently rotten  
tom xe xa via  
Sentiment(polarity=0.16666666666666666, subjectivity=0.43333333333333335)  
Positive  
rules bitcoin one noob another via  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin probably thing left socialize loses privatizes gains via  
 Sentiment(polarity=-0.15, subjectivity=0.05)

Negative  
 virtual bitcoin race car tonight beat real dale earnhardt jr kyle busch oth xe  
 xa xe xa  
 Sentiment(polarity=0.2, subjectivity=0.30000000000000004)

Positive  
 bullish bloomberg released report calling bitcoin digital gold april  
 bitcoinforum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin bitcoinforum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 prepare qe coming bitcoinforum bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt better late nocoiner bitcoin  
 Sentiment(polarity=0.1, subjectivity=0.55)

Positive  
 rt fed injects equivalent bitcoin overnight repo operations nall well please get  
 back work xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt geiger bitcoin looks like pretty risky asset compare everything else  
 Sentiment(polarity=0.25, subjectivity=1.0)

Positive  
 fiat money comfort zone bitcoin growth zone make choice bitcoinforum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 people starting catch onto fact bitcoin escape global financial collapse xe xa  
 Sentiment(polarity=0.0, subjectivity=0.03333333333333333)

Neutral  
 buying power time bitcoin bitcoinforum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 debitpay directory list places spend bitcoin without bitpay bitcoinforum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 list bitcoin person person bitcoin exchanges bisq hodlhodl localcoinswap etc via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 watford jersey bitcoin via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 croatian post office offering crypto cash via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin art near downtown dallas via  
 Sentiment(polarity=0.1, subjectivity=0.4)  
 Positive  
 negative interest rates getting bankers nervy bitcoin accrues value via  
 Sentiment(polarity=-0.3, subjectivity=0.4)  
 Negative  
 used bisq first time via  
 Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
 Positive  
 million club members reddit feel owning bitcoin via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 found amsterdam via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin istanbul via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin legal status around world report pdf via  
 Sentiment(polarity=0.2, subjectivity=0.2)  
 Positive  
 jpmorgan puts pressure south african banks close crypto exchange accounts via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 introducing btcpay vault desktop app allows use hardware wallet btcpay server  
 full xe xa  
 Sentiment(polarity=0.35, subjectivity=0.55)  
 Positive  
 invested btc first time ever plan anything expecting ro xe xa  
 Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
 Positive  
 else lives like via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 peter schiff story great lesson anyone new world bitcoin via  
 Sentiment(polarity=0.4681818181818182, subjectivity=0.6022727272727273)  
 Positive  
 real world use cases drive crypto growth via  
 Sentiment(polarity=0.2, subjectivity=0.30000000000000004)  
 Positive  
 macafee changes tune via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin hash rate hits time highs start via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin baby one years old via

Sentiment(polarity=0.1, subjectivity=0.2)  
Positive  
wrote offline bitcoin block explorer loads data bitcoin core allows explore  
blockcha xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
moving money far better bitcoinlightning via  
Sentiment(polarity=0.3, subjectivity=0.75)  
Positive  
spotted wall bar tokyo via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
ukrainian company hotmine created electric heater mining bitcoin heats home via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
grayscale sees massive bitcoin inflow million despite bear market means  
institutions xe xa  
Sentiment(polarity=0.0, subjectivity=1.0)  
Neutral  
cnbc bitcoin may poised huge breakout via  
Sentiment(polarity=0.4000000000000001, subjectivity=0.9)  
Positive  
snowden us seizing book revenue xe good bitcoin xe via  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive  
central bank digital currencies dont matter via  
Sentiment(polarity=0.0, subjectivity=0.125)  
Neutral  
lnbits simple python free open source lightning network wallet via  
Sentiment(polarity=0.1333333333333333, subjectivity=0.5523809523809524)  
Positive  
bitcoin beer faucet via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin yearly lows interesting highs via  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
true via  
Sentiment(polarity=0.35, subjectivity=0.65)  
Positive  
balaji srinivasan bitcoin decade ends biggest unicorn xe uber airbn xe xa via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
sound unbiased reporting always bitcoin bitcoinforumcom  
Sentiment(polarity=0.4, subjectivity=0.4)  
Positive  
serious bitcoin bitcoinforumcom  
Sentiment(polarity=-0.3333333333333333, subjectivity=0.6666666666666666)

Negative  
 kaul think love lol leader mean acting xe xa  
 Sentiment(polarity=0.246875, subjectivity=0.49687499999999996)  
 Positive  
 kaul find interesting profile world leader blockchain payment technology  
 Sentiment(polarity=0.5, subjectivity=0.5)  
 Positive  
 remember joined twitter mytwitteranniversary bitcoinforumcom bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 kaul shameless pretending provide excellent customer service profiting never  
 seen xe xa  
 Sentiment(polarity=1.0, subjectivity=1.0)  
 Positive  
 could evil company using bitpay use btcpayserver bitcoin bitcoinforumcom  
 Sentiment(polarity=-1.0, subjectivity=1.0)  
 Negative  
 poland repatriates tons gold bank england storage nothing unusual right via  
 Sentiment(polarity=0.24285714285714285, subjectivity=0.7678571428571428)  
 Positive  
 current governments never designed world connectivity internet bitcoin xe xa via  
 Sentiment(polarity=0.0, subjectivity=0.4)  
 Neutral  
 stack sats hodl via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 fold app emerges beta adds delta domino xe others sats back rewards via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xmas strong hands accumulate enjoy discount via  
 Sentiment(polarity=0.41666666666666663, subjectivity=0.6166666666666667)  
 Positive  
 bitcoin core software update uses segwit addresses default via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 created flyer celebrate years anniversary forum created satoshi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 psa australians pay credit card rent bills xe xa lightning network xe xa today  
 via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 gzutek bitcoin slang epic xe xbfitcoin rap song must watch bitcoin forum  
 Sentiment(polarity=0.1, subjectivity=0.4)  
 Positive  
 friendly reminder enough btc even half today millionaire one via  
 Sentiment(polarity=0.06944444444444445, subjectivity=0.3888888888888889)  
 Positive



snicker alice bob mix bitcoin interaction via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin fixes paypal cuts payouts pornhub models via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

think long term let whales take away future freedom via  
Sentiment(polarity=-0.025, subjectivity=0.2625)  
Negative

best bitcoin desktop wallet via  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive

john mcafee fighting crime responsibility cryptocurrency companies via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

morgan creek capital ceo says xe csell amazon stock buy bitcoin xe via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

anonymous detailed bitcoin fund privacy tech development via  
Sentiment(polarity=0.4, subjectivity=0.75)  
Positive

paraphrase jay powell said xe cour debt growing faster economy xe simple xe xa  
via  
Sentiment(polarity=0.0, subjectivity=0.35714285714285715)  
Neutral

top industries millennial investors via  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive

bitcoin atms world today xe bet years time via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

swiss retailers soon accept bitcoin via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

event bank organized via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin hailed xe success china dramatic shift attitude via  
Sentiment(polarity=-0.06666666666666665, subjectivity=0.3)  
Negative

venezuelan president promoted trezor wallet national television  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bakkt bitcoin futures set new record amid bitcoin dump  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
Positive

never able censor jack tweeting bitcoin via  
Sentiment(polarity=-0.25, subjectivity=0.625)

Negative  
 bitcoin xe lightning used private messaging via  
 Sentiment(polarity=0.0, subjectivity=0.375)

Neutral  
 bad news buy bitcoinforumcom  
 Sentiment(polarity=-0.6999999999999998, subjectivity=0.6666666666666666)

Negative  
 often forget come fit antiquated system via  
 Sentiment(polarity=0.4, subjectivity=0.4)

Positive  
 daily discussion november via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 square cash app beating coinbase offers significantly lower fees small bitcoin  
 purchases via  
 Sentiment(polarity=0.075, subjectivity=0.425)

Positive  
 tell irs bitcoin beyond seizure via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 millennials take back wealth stay away assets overpriced stocks overpriced real  
 xe xa via  
 Sentiment(polarity=0.1, subjectivity=0.15000000000000002)

Positive  
 triumvirate liquidity via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 today friend returned day trip portugal told opened bitcoin bar xe xa via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 best performing asset decade via  
 Sentiment(polarity=1.0, subjectivity=0.3)

Positive  
 lightning network improvement proposal way send btc without asking recipient  
 invoice via  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 finally good use bitcoinforumcom  
 Sentiment(polarity=0.7, subjectivity=0.6000000000000001)

Positive  
 americans believe dollar backed gold bitcoinforumcom  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 football family two bitcoiners one field let xe continue share gospel shout xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt instant messaging lightning killer application potential world needs

censorship resistant chatting wi xe xa  
 Sentiment(polarity=0.0, subjectivity=0.8333333333333333)  
 Neutral  
 whatsat decentralized app private instant messages built lightning network info  
 comm xe xa  
 Sentiment(polarity=0.0, subjectivity=0.5208333333333333)  
 Neutral  
 french college students study bitcoin curriculum bitcoinforumcom  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ignore fud promise bitcoin based one thing one thing freedom via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 td ameritrade might offer bitcoin trading upcoming months via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 went got passport renewed find take cash debit credit cards tak xe xa via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 locked internet bank amp app forced answer questions income politics savings etc  
 xe xa xe xa  
 Sentiment(polarity=-0.30000000000000004, subjectivity=0.2)  
 Negative  
 race internet native currency bitcoin leading bitcoinforumcom  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 lightning conference live stream via  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
 Positive  
 one bitcoin xe oldest mining companies giving accredited investors around world  
 alternative exposure bitc xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 xf xa guess topic tomorrow coinexinstitution article finishing sentence xe cin  
 cryptocurrency circle xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 prepared spanish flu returned fall corona reappears fascist fauci shut  
 everything includin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin people please tired shame hard tell follow xf xad xf xad xf  
 Sentiment(polarity=-0.3458333333333333, subjectivity=0.6208333333333333)  
 Negative  
 little recap amazing bitcoin pizza day party last week xf ntogether crypto xe xa  
 Sentiment(polarity=0.13750000000000004, subjectivity=0.4888888888888889)  
 Positive  
 learn hard lesson chuckie cheese tokens utility tokens negligible valu xe xa

Sentiment(polarity=-0.2916666666666667, subjectivity=0.5416666666666666)  
 Negative  
 worth bitcoin longed nexchange bitmex pair xbtusd xf xb xf xb xf xb xf xb xf xb  
 xf xb xf xb xf xb xf xb xf xb xf xb xf xb xf xb xe xa  
 Sentiment(polarity=0.3, subjectivity=0.1)  
 Positive  
 recent bitcoin fall predicted well known whale joe tele xe xa  
 Sentiment(polarity=0.0, subjectivity=0.25)  
 Neutral  
 year btc trading price stable xe moved years nyou xe bar overhear two frie xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin catch  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 eurUSD targets done USD profits day nopen people  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 digital assets data CEO said BTC could take role gold reports  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 samsung leaning crypto goldman sachs wall street lean looking forward see plays  
 xf xbf ht xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 kylie giveaway invested bitcoin made xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 nah blockstream xe fucked one nthey proceed whats best xe xa  
 Sentiment(polarity=0.2, subjectivity=0.5)  
 Positive  
 terminal runing cpucap inc bitcoin mining rewards CPU via  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 samsung doubles bitcoin crypto xe gemini exchange integration revealed xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 send bitcoin someone retweets following guy UK within hrs  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 bitcoin dominance nis harsh rejection bitcoin dominance start altszn xf xa alts  
 altcoins altseason xe xa  
 Sentiment(polarity=-0.2, subjectivity=0.7)  
 Negative  
 going fed counterfeiterers xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 know use bitcoin imma need mar

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
mark zuckerberg threat democracy  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
io absolute guarantee zcash su xe xa  
Sentiment(polarity=0.2, subjectivity=0.9)  
Positive  
learn spot trading coinex exchange  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
stellar throws satsoshipay lifeline coronavirus knocks series xbt btc bitcoin  
Sentiment(polarity=0.25, subjectivity=0.25)  
Positive  
people think bitcoin scam hoo boy  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
help people earn daily pay profit receive profit ask xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
wishes ada right ada cardano crypto bitcoin eth ethereum minneapolisriots btc  
bloc xe xa  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
bitcoinpizza would worth us right last hours bitcoin  
Sentiment(polarity=0.1952380952380952, subjectivity=0.2341269841269841)  
Positive  
people really diversifying different altcoins even much bitcoin nnot greatest  
idea xe xa  
Sentiment(polarity=0.35, subjectivity=0.5)  
Positive  
found xrpcommunity xrp xrp mxn liquidity index breaks ath usd mxn transfers  
powered xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
matter one bitcoin worth vs per share gs ngoldman market cap bill xe xa  
Sentiment(polarity=0.3, subjectivity=0.1)  
Positive  
know saving difficult disciplined bitcoin reward  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
would love came gaming looking build huge communit xe xa  
Sentiment(polarity=0.45000000000000007, subjectivity=0.75)  
Positive  
know one wants hear xe cbitcoin fixes xe times chaos fixing money fact fix  
society sel xe xa  
Sentiment(polarity=0.2, subjectivity=0.1)  
Positive

xe good trump asked doj investigate xe old bs result really needs ask xe xa  
 Sentiment(polarity=0.3333333333333333, subjectivity=0.3333333333333333)  
 Positive  
 link link bought nit ready another impulse wave nlink btc still triangle daily  
 timeframe nj xe xa  
 Sentiment(polarity=0.1, subjectivity=0.25)  
 Positive  
 breaking gemini partners samsung allow samsung smartphone users buy  
 cryptocurrenices blockch xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 coti binance kucoin npossible play bitcoin btc calms  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 also agree even bitcoin right going al xe xa  
 Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
 Positive  
 xf xa huobi bounty time nwhat could xf xb bitcoin ntake challenges find xe xac  
 xef xb fno pain gain xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 sc siacoin xe soon imo bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 teamed giveaway nto enter xf click entries xf xa xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bad news cashless society becoming reality ngood news bitcoin  
 Sentiment(polarity=-0.12499999999999992, subjectivity=0.7583333333333333)  
 Negative  
 small store take cards xe xa  
 Sentiment(polarity=-0.25, subjectivity=0.4)  
 Negative  
 buy gold silver bitcoin alcohol cigarettes vegas  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 breaking gemini partners samsung allow samsung smartphone users buy  
 cryptocurrenices blockch xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 easy forget young bitcoin terms wealth potential think seeing shift away xe xa  
 Sentiment(polarity=0.17777777777777778, subjectivity=0.7444444444444445)  
 Positive  
 responded first included information custodians exchanges guess xe xa  
 Sentiment(polarity=0.25, subjectivity=0.3333333333333333)  
 Positive  
 rtbreaking gemini partners samsung allow samsung smartphone users buy  
 cryptocurrenices blockch xe xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
sachs bother small fry like bitcoin partnered gates goal xe xa  
Sentiment(polarity=-0.25, subjectivity=0.4)  
Negative  
bitcoin fees high impossible send friend without losing value xe xa  
Sentiment(polarity=-0.2533333333333333, subjectivity=0.77)  
Negative  
receive free bat tokens extstock airdrop nsteps follow us rt tweet comment  
cryptocurre xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
xe sending one person days many different options chose earn entries good luck  
nto enter xf xe xa  
Sentiment(polarity=0.3999999999999997, subjectivity=0.5666666666666668)  
Positive  
part ethereum month look traders leveraging ethereum bitcoin relative market xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin matters built  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
scary times govts get intrusive amp authoritarian none way preserve privacy  
freedom amp xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
bitcoin bullish boys xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
breaking gemini partners samsung allow samsung smartphone users buy  
cryptocurrenices blockch xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
crypto guests fake bitcoiners bitcoin pizza day co xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)  
Negative  
help people earn daily pay profit receive profit ask xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
artist person creates creates art people want see understand apprecia xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
prepared spanish flu returned fall corona reappears fascist fauci shut  
everything includin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
every time go outside bitcoin twitter bubble realize stupid humanity really

ready lead sor xe xa  
Sentiment(polarity=-0.19999999999999996, subjectivity=0.5166666666666667)  
Negative  
work progress bitcoin bitcoinart  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
looting news awful see  
Sentiment(polarity=-1.0, subjectivity=1.0)  
Negative  
goldman releases anti crypto report price btc goes eth goes nrussia claims ban  
bitcoi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin still locked inside long term triangle bitcoin  
Sentiment(polarity=-0.05, subjectivity=0.4)  
Negative  
mit degree verified bitcoin blockchain done without token  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe give someone retweets tweet following ends minutes xe xe xa  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
rt xf xa steve multi magic back xf xef xb rules simple xef xb xe xa retweet  
visual xef xb xe xa participants get mbtc free bet wi xe xa  
Sentiment(polarity=0.18, subjectivity=0.4314285714285715)  
Positive  
breaking gemini partners samsung allow samsung smartphone users buy  
cryptocurrenices blockch xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
looks like hongkong usd moving btc trying escape currency exile bitcoin  
tothemoon  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
buy enough nthat xe chance nthey using law enforcement love xe xa  
Sentiment(polarity=0.25, subjectivity=0.55)  
Positive  
breaking gemini partners samsung allow samsung smartphone users buy  
cryptocurrenices blockch xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
btc usd transferred binance unknown wallet tx  
Sentiment(polarity=-0.1, subjectivity=0.6)  
Negative  
xe give someone retweets tweet within minutes must following guy uk  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
btc nwhat kept price right dollar bullzooka xf xa btc bitcoin



Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
earn bitcoins clicking ads bitcoin via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
kleimans lawyers argue craig wright satoshi therefore owed bitcoin also say  
evidence xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin dominance nis harsh rejection bitcoin dominance start altszn xf xa alts  
altcoins altseason xe xa  
Sentiment(polarity=-0.2, subjectivity=0.7)  
Negative  
fiat atomic swap easy explained xf xa xf xad via nimiq oasis fintech blockchain  
blockchain xe xa  
Sentiment(polarity=0.43333333333333335, subjectivity=0.8333333333333334)  
Positive  
btc bitcoin spread usa btc ultimate safe commodity blast xe xa  
Sentiment(polarity=0.25, subjectivity=0.75)  
Positive  
mit degree verified bitcoin blockchain done without token  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
samsung doubles bitcoin crypto xe gemini exchange integration revealed xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
would like earn living bitcoin could among millions people gain fro xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
also listen episode podcast channels nanchor  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
much anime bitcoin  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
give someone retweets tweet within next hours must following amp xe xa  
Sentiment(polarity=0.0, subjectivity=0.05)  
Neutral  
right total overall marketcap kinda low bitcoin dominance high bitcoin sta xe xa  
Sentiment(polarity=0.08914285714285715, subjectivity=0.4251428571428571)  
Positive  
btc nwhat kept price right dollar bullzooka xf xa btc bitcoin  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
breaking gemini partners samsung allow samsung smartphone users buy  
cryptocurrenices blockchain wallets bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

one person ends hours qualify retweet follow amp  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

grayscale bitcoin trust bought bitcoins since halving nonly bitcoins mined since  
halving xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xf xa hello bitcoin whales one charlie half bitcoin give bitcoin xe xa  
Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
Negative

introducing txt find files bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xe send one person minutes retweets amp likes follows amp  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

cryptocurrency bitcoin nvery good project  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)  
Positive

bitcoin bowl vs nc state front row corner end zone  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

happen real bitcoin one scales shubsv  
Sentiment(polarity=0.2, subjectivity=0.30000000000000004)  
Positive

btc usd npositional update nopening tiny long account front running daily close  
neverything looks xe xa  
Sentiment(polarity=-0.016666666666666666, subjectivity=0.3)  
Negative

send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral

godfather leave fiat xf xb take bitcoin much better deal  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive

would like earn living bitcoin could among millions xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

hotels hate airbnb ntaxi drivers hate uber nnokia hates apple nbanks hate  
bitcoin nlosers hate winners  
Sentiment(polarity=-0.8, subjectivity=0.9)  
Negative

btc nwhat kept price right dollar bullzooka xf xa btc bitcoin  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive

bitcoin replace gold crypto data analytics company ceo says  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

goldman sachs slammed bitcoin gold investor call crypto community makes known  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

people selling bitcoin xe march buying today  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

mit degree verified bitcoin blockchain done without token  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin live stream guys watch charts play live overnight bottom left chart xe  
xa  
Sentiment(polarity=0.0909090909090909, subjectivity=0.3333333333333333)  
Positive

price breaks umbrella bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

altcoins competing marketing teams dedicated taking bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin matters built  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin core developers economic ignoramus many state evidences  
Sentiment(polarity=0.35, subjectivity=0.35)  
Positive

prepared spanish flu returned fall corona reappears fascist fauci shut  
everything includin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

reasons bitcoin price prepared explode towards  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xe confused though xe bitcoin pull alts oceans swayed different xf xb xe xe xa  
xef xb  
Sentiment(polarity=-0.2, subjectivity=0.6499999999999999)  
Negative

bitcoin live stream guys watch charts play live overnight bottom left ch xe xa  
Sentiment(polarity=0.0909090909090909, subjectivity=0.3333333333333333)  
Positive

guy go theif hin papa bitcoin nwe still dey dere mumsy dey beg papa oo thematter  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

know one wants hear xe cbitcoin fixes xe times chaos fixing money fact fix  
society sel xe xa  
Sentiment(polarity=0.2, subjectivity=0.1)  
Positive

trends shows wall street bitcoin buying frenzy bitcoin btc btc  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
decisive last minutes could predict next bull run bitcoin nstaying key  
Sentiment(polarity=0.0, subjectivity=0.3555555555555557)  
Neutral  
trading headlines gold rose audusd rose pips wti crude oil rose eurUSD rose pips  
xe xa  
Sentiment(polarity=0.34, subjectivity=0.96)  
Positive  
little recap amazing bitcoin pizza day party last week xf ntogether crypto xe xa  
Sentiment(polarity=0.13750000000000004, subjectivity=0.4888888888888889)  
Positive  
actually original buy bitcoin sign hand made limited edition told xe xa  
Sentiment(polarity=0.1517857142857143, subjectivity=0.4464285714285714)  
Positive  
bitcoin xe fad medium exchange criminals xe much store value stocks  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
fiat atomic swap easy explained xf xa xf xad via nimiQ oasis fintech blockchain  
blockchain xe xa  
Sentiment(polarity=0.43333333333333335, subjectivity=0.8333333333333334)  
Positive  
receive free bat tokens extstock airdrop nsteps follow us rt tweet comment  
cryptocurre xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
wherever bitcoin goes ethereum goes xe history  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
icx targets hit profit xf xf xa nfree crypto channel join gnt npxs ont troy xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
new airdrop creekex token xf xb total receive crx tokens creekex airdrop xf xb  
tasks submit dat xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.6022727272727273)  
Positive  
send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
goldman sachs xe cdon xe buy bitcoin xe npeople buy anyway  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
world ready new type reward ditch boomer miles bitcoin rewards xf  
Sentiment(polarity=0.16818181818181818, subjectivity=0.4772727272727273)  
Positive  
tell tarantino best movie gonna bitcoin billionaires  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive

two key reasons bitcoin must clear start strong increase altcoins cryptonews  
altseason  
Sentiment(polarity=0.1777777777777778, subjectivity=0.7055555555555556)  
Positive  
goldman sachs says bitcoin viable investment client portfolios via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goldman sachs slammed bitcoin gold investor call crypto community makes known  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin supposed problems gold need invent  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf world leading one stop crypto exchange xf xb xe xb buy sell manage  
cryptocurrencies minutes xe xb live customer support xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
Positive  
add harkerdebby instagram add money cashapp amp paypal bitcoin legit  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goldman sachs still xe know make bitcoin via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
pomp get buy bitcoin vest waste opportunity making history  
Sentiment(polarity=-0.2, subjectivity=0.0)  
Negative  
omg bitcoin double bullish divergence xf crypto analysis ta amp btc  
cryptocurrency price news  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
remember dgb community tweet every day want digibyte listed coinbase digibyte  
bitcoin cryptocu xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
kknow braindead americans wearing masks lol patriot maga wwg wga qanon  
buildthewall xe xa  
Sentiment(polarity=0.8, subjectivity=0.7)  
Positive  
goldman sachs slams bitcoin gold investor call crypto community reacts via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
fiat atomic swap easy explained xf xa xf xad via nimiq oasis fintech blockchain  
xe xa  
Sentiment(polarity=0.43333333333333335, subjectivity=0.8333333333333334)  
Positive  
buying bitcoin xf xa xf xa xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

diverse portfolio cryptocurrency much easier manage manage place xe xa  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
fixes governor mn weighing wrong side history video evidence contrary  
Sentiment(polarity=-0.5, subjectivity=0.9)  
Negative  
bitcoin decentralized emergent intelligence beats centralized planning every  
time  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
cardano easy money right ada gains lows compared btc gains lows bitcoin xe xa  
Sentiment(polarity=0.3595238095238095, subjectivity=0.6845238095238095)  
Positive  
bitcoin took viagra btc rising faster  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoingtr intro liked video would love somethin xe xa  
Sentiment(polarity=0.55, subjectivity=0.7)  
Positive  
complete details video get huge commission kickback create new account mo xe xa  
Sentiment(polarity=0.212121212121215, subjectivity=0.5848484848484848)  
Positive  
welcome bitcoin  
Sentiment(polarity=0.8, subjectivity=0.9)  
Positive  
official mit degree verified bitcoin blockchain  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
small towns xe know xe infected xe ntheatlantic news noticia bitcoin  
cryptocurrency xe xa  
Sentiment(polarity=-0.25, subjectivity=0.4)  
Negative  
fund beat crash buying argonaut ab nthisismoney news noticia bitcoin cryptocurr  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
love ya lots ya kno xf xbd  
Sentiment(polarity=0.5, subjectivity=0.6)  
Positive  
bitcoin bullish boys xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
enough bitcoin  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
also listen episode podcast channels nanchor xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

goldman sachs admits guilt jho lo mdb scandal laundered pays one largest fines  
ever nalso gold xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
pretty much although massive currency issuance govt central banks making bitcoin  
internet investsmart xe xa  
Sentiment(polarity=0.1125, subjectivity=0.6125)  
Positive  
official even buy bitcoin dollars pop  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
took mostly sentiment ms showing new hls hhs hourly lot internal dialogue xe xa  
Sentiment(polarity=0.212121212121213, subjectivity=0.3181818181818182)  
Positive  
pays interact tweet find claim bitcoin visiting sats likes https xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
add harkerdebby instagram add money cashapp amp pay xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
point decentralization censorship resistance security lightning peer xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
tomorrow bitcoin futures may expiry might get volatile  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
lack knowledge ask specific questions xf final goal understand every part xe xa  
Sentiment(polarity=0.0, subjectivity=0.5625)  
Neutral  
remove state people rise build better world ngovernance governments inherently  
waste resourc xe xa  
Sentiment(polarity=0.15, subjectivity=0.25)  
Positive  
short dated bitcoin options call surge btc tradingview news social tradingview  
Sentiment(polarity=0.016666666666666666, subjectivity=0.18333333333333332)  
Positive  
see freelancers getting paid setup btcpayserver build stuff consulting make xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
vc fund dedicated making investments bitcoin ecosystem nif drastically unders xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
least bitcoin bet drugs xf xbb xf xb xf xad xf xbf  
Sentiment(polarity=-0.3, subjectivity=0.4)  
Negative  
motivating get shape bitcoin

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin continues defy bears  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
year btc trading price stable xe moved years nyou xe bar overhear two frie xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hamburger day celebrating altcoin fomo nwhich one eating xf bitcoin max xf eth  
stake xf xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoingtr intro liked video would love somet xe xa  
Sentiment(polarity=0.55, subjectivity=0.7)  
Positive  
people need get much bitcoin possible like would cash  
Sentiment(polarity=0.1, subjectivity=0.6)  
Positive  
electrum needed  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
know one wants hear xe cbitcoin fixes xe times chaos fixing money fact fix  
society sel xe xa  
Sentiment(polarity=0.2, subjectivity=0.1)  
Positive  
xe going give someone random retweets tweet xe birthday feel like nice xe xba  
xef xb xe xa  
Sentiment(polarity=0.04999999999999999, subjectivity=0.75)  
Positive  
world rides end fiat currency system cryptocurrency represents key new fair  
global xe xa  
Sentiment(polarity=0.20909090909090908, subjectivity=0.5886363636363636)  
Positive  
bitcoin weekly looks super bullish post charts morrow  
Sentiment(polarity=0.3333333333333333, subjectivity=0.6666666666666666)  
Positive  
year btc trading price stable xe moved years nyou xe bar overhear two frie xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
reason teaching nbitcoin blockchain revolutionize financial system ncas xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
fool xf xf xa ask goldman sachs bitcoin xf xa ask hotel airbnb xf ask taxi  
driver xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xe  
Sentiment(polarity=0.0, subjectivity=0.0)



Neutral  
bullish picture xe want see another descending triangle form bitcoin know btc  
loves xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
one even bitcoin wallet xf  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin replace gold crypto data analytics company ceo xc xa says  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
seems people forgetting important bitcoin bitcoin spent less entire life xe xa  
Sentiment(polarity=0.0333333333333335, subjectivity=0.4479166666666667)

Positive  
send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)

Neutral  
breaking would confirm macro trend reversal nthe first weekly higher high since  
bitcoin hit ath late xe xa  
Sentiment(polarity=0.09000000000000001, subjectivity=0.4933333333333333)

Positive  
bitcoin price wait update xf xa xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
careful alt coin ocean rn chonch bitcoin sending upward might take alts xe xa  
Sentiment(polarity=-0.1, subjectivity=1.0)

Negative  
best feeling life giving someone suffering  
Sentiment(polarity=1.0, subjectivity=0.3)

Positive  
market buying bitcoin fixes  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
trading headlines gold rose audusd rose pips wti crude oil rose eurUSD rose pip  
xe xa  
Sentiment(polarity=0.34, subjectivity=0.96)

Positive  
known bitcoin would definitely invested bitcoin  
Sentiment(polarity=0.0, subjectivity=0.5)

Neutral  
position tell anyone bitcoin st launched cents single coin becau xe xa  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)

Negative  
bitcoin took viagra btc rising faster  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
breaking would confirm macro trend reversal nthe first weekly higher high since  
bitcoin hit ath late xe xa

Sentiment(polarity=0.09000000000000001, subjectivity=0.4933333333333333)  
Positive  
airdropping xf xb svc xf xb svc ref easy steps xf ejoin telegram xf xa follow xe  
xa  
Sentiment(polarity=0.43333333333333335, subjectivity=0.8333333333333334)  
Positive  
bitcoin dominance nis harsh rejection bitcoin dominance start altszn xf xa alts  
altcoins xe xa  
Sentiment(polarity=-0.2, subjectivity=0.7)  
Negative  
goldman sachs billion bitcoin sent currency exchanges criminal entities nfun  
fact gold xe xa  
Sentiment(polarity=-0.4, subjectivity=0.55)  
Negative  
china still safe place business finance money business investing investment xe  
xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
day goldman sachs says buy bitcoin bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
thinking investing xf xa nwe xe xf xbc xe digital assets like bitcoin gold xe  
xef xb xe intui xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
enough bitcoin  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
specially btc pumps everything pump alts pump harder  
Sentiment(polarity=0.12857142857142856, subjectivity=0.2857142857142857)  
Positive  
according nvca saw billion invested across deals fy saw billion invested ac xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
one xf xac bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
breaking would confirm macro trend reversal nthe first weekly higher high since  
bitcoin hit ath late xe xa  
Sentiment(polarity=0.09000000000000001, subjectivity=0.4933333333333333)  
Positive  
goldman sachs recommend bitcoin strategic tactical basis clients xe investment  
portfolios ngoo xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
time sell bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
really want banks owning lions share bitcoin  
Sentiment(polarity=0.2, subjectivity=0.2)

Positive  
bitcoin fix money less efficient system currently  
Sentiment(polarity=-0.08333333333333333, subjectivity=0.23333333333333334)

Negative  
goldman sachs loves bitcoin much tell clients buy buy includes xe xa  
Sentiment(polarity=0.2, subjectivity=0.2)

Positive  
bitcoin decentralized emergent intelligence beats centralized planning every time  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xe cwe dialing positive outlook xe stocks says jpmorgan xe na delayed reopening ec xe xa  
Sentiment(polarity=0.22727272727272727, subjectivity=0.5454545454545454)

Positive  
xf prices update usd hour btc eth xrp xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)

Neutral  
hey goldman sachs riddle xf nif bitcoin xe money store value asset class like property xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xe personally looking shorts bitcoin xrp running meantime  
Sentiment(polarity=0.0, subjectivity=0.3)

Neutral  
bitcoin mining earn satoshi per day free xe waste time register free pa xe xa  
Sentiment(polarity=0.20000000000000004, subjectivity=0.5333333333333333)

Positive  
wtf smoking schumer  
Sentiment(polarity=-0.5, subjectivity=1.0)

Negative  
send bitcoin someone retweets following guy uk within hrs  
Sentiment(polarity=0.0, subjectivity=0.1)

Neutral  
official mit degree verified bitcoin blockchain cryptocurrency bitcoin blockchain  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
buying bitcoin xf xa xf xa xf xa

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin derivatives sheet tweet every minutes  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
breaking would confirm macro trend reversal nthe first weekly higher high since  
bitcoin hit ath late xe xa  
Sentiment(polarity=0.09000000000000001, subjectivity=0.4933333333333333)  
Positive  
reason fascination wildly misunderstood sector bitcoin  
Sentiment(polarity=0.1, subjectivity=0.4)  
Positive  
one buddy recently got bitcoin getting masters finance every morning sends  
opinion upd xe xa  
Sentiment(polarity=0.0, subjectivity=0.25)  
Neutral  
many people say bitcoin real money sell products services bitcoin time nand lot  
peop xe xa  
Sentiment(polarity=0.35, subjectivity=0.4)  
Positive  
usdmxn targets hit xf xa xf xa nfor free signals join btc usoil eurcad forex fx  
xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
love bitcoin aside nonsense goldmansachs spewing  
Sentiment(polarity=0.5, subjectivity=0.6)  
Positive  
feeling like owning bitcoin high financial risk xf ni xe xa  
Sentiment(polarity=0.08, subjectivity=0.26999999999999996)  
Positive  
enough bitcoin  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
digital assets data ceo said btc could take role gold reports  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin xe need goldman sachs goldman sachs going need bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa xa xf xbb xe xe xef xb  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
hope get shaken bitcoin still dead  
Sentiment(polarity=-0.2, subjectivity=0.4)  
Negative  
hbar nexited loss xf xb work today forgot set stop loss xf xa xa nmoved funds  
coti chart wil xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt promise bitcoin outcompeting everything become single money everyone speak  
sam xe xa  
Sentiment(polarity=-0.07142857142857142, subjectivity=0.21428571428571427)  
Negative  
enough bitcoin go around understand  
Sentiment(polarity=0.0, subjectivity=0.5)  
Neutral  
rt tzz bitcoin people please tired shame hard tell follow xf xad xf xad xf  
Sentiment(polarity=-0.3458333333333333, subjectivity=0.6208333333333333)  
Negative  
help people earn daily pay profit receive profit ask xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt hit bitcoin bands xf xf thanks bitch  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
egypt short xf xf  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
rt coincidentally noticed lot intense regulation regarding cryptos across europe  
either france germany th xe xa  
Sentiment(polarity=0.2, subjectivity=1.0)  
Positive  
would nice see power slam market simultaneous breakout bitcoin btc would sublime  
xe xa  
Sentiment(polarity=0.6, subjectivity=1.0)  
Positive  
rt many people say bitcoin real money sell products services bitcoin time nand  
lot peop xe xa  
Sentiment(polarity=0.35, subjectivity=0.4)  
Positive  
deflation inflation unleash bitcoin xc xa prices  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
jpmorgan pay million settle lawsuit overcharging crypto fees bitcoin news  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt buy rental xe cwhat renters xe pay rent nstart investing xe cwhat company  
goes bankrupt xe nstart busi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
eth nlooks like might break daily resistance next stop ethereum eth xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
help people earn daily pay profit receive profit ask xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

rt info put historic bitcoin revenue various neonazis white supremacists  
following graph xe fin xe xa  
Sentiment(polarity=0.0, subjectivity=0.15)  
Neutral  
strong work family strongest secure digital asset planet dcr  
Sentiment(polarity=0.2777777777777773, subjectivity=0.4444444444444444)  
Positive  
bitcoin giving  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
better buy bitcoin eu call another trillion dreams hopes houses apartments  
anything savi xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)  
Positive  
rt latest tfpodcast streaming discussing took place xe financial institutions vs  
bitcoin amp crypto xe xa  
Sentiment(polarity=0.25, subjectivity=0.45)  
Positive  
grayscale cash app buy bitcoin mined day xe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
blockchain bites iran russia revisit crypto regulations bitcoin pizza day years  
later xe coindesk nread mo xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
luke jr mb blocks tb blockchain year would mean gb year xe xa  
Sentiment(polarity=-0.3125, subjectivity=0.6875)  
Negative  
sending sell buy signals friends recycling money bitcoin oxt xf bitcoin btc oxt  
oxt  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt hit bitcoin bands xf xf thanks bitch  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
easiest short life look bitcoin lost got bag though scalp  
Sentiment(polarity=0.0, subjectivity=0.3)  
Neutral  
rt past weeks btc continues rush exchanges usdt stopped dancing tandem usdt btc  
xe xa  
Sentiment(polarity=-0.25, subjectivity=0.25)  
Negative  
rt shower thought owning firearm like running bitcoin full node makes part  
decentralized defense network  
Sentiment(polarity=0.35, subjectivity=0.55)  
Positive  
help people earn daily pay profit receive profit ask xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
omg bitcoin double bullish divergence xf crypto analysis ta amp btc via  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
one day later  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
blockchain enables us create decentralized social media platforms longer  
dependent central profit xe xa  
Sentiment(polarity=0.016666666666666666, subjectivity=0.15833333333333333)

Positive  
instead buying lotto tickets invest bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin goldmansachs forget  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt people enter xe ccrypto xe space heard bitcoin xe late randomly decide next  
bitcoin bu xe xa  
Sentiment(polarity=-0.26666666666666666, subjectivity=0.36666666666666667)

Negative  
btc long long positions take loan sell kids something parabolic coming xf  
bitcoin  
Sentiment(polarity=-0.05, subjectivity=0.4)

Negative  
rt huge thanks generous donation bch bitcoin unlimited xf nthese funds used xe  
xa  
Sentiment(polarity=0.30000000000000004, subjectivity=0.55)

Positive  
live periscope latest tfpodcast streaming discussing took place xe financial  
insti xe xa  
Sentiment(polarity=0.21212121212121213, subjectivity=0.46666666666666666)

Positive  
rt bitcoin giveaway follow amp retweet tag friend ends hours  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
vob bitcoin antifragile presentation na weeks ago gave attached presentation see  
nthe post vob xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
fiduciaries listen become negligence bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt day goldman sachs says buy bitcoin bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt digital assets data ceo said btc could take role gold reports  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt case feeling fud digibyte gain year usd bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
xe replicate anything bitcoin biggest true decentralization  
Sentiment(polarity=0.35, subjectivity=0.65)

Positive  
rt hamburger day celebrating altcoin fomo nwhich one eating xf bitcoin max xf  
eth stake xf xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
ehh dxy uptrend ever since btc existence speaks innate strength bit xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bitcoin goes back one day  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
openra open cross platform expandable implementation command amp conquer ai ml  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.25)

Neutral  
rt goldman releases anti crypto report price btc goes eth goes nrussia claims  
ban bitcoi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
think one want invest bitcoin still abuja trying settle matter baba gree  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt know one wants hear xe cbitcoin fixes xe times chaos fixing money fact fix  
society sel xe xa  
Sentiment(polarity=0.2, subjectivity=0.1)

Positive  
rt damn good piece incisive skip commentary goldman sachs vs bitcoin read one  
jill xe xa  
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)

Positive  
bitcoin newprofilepic  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
many problems teeth ai ml news tech bitcoin ethereum crypto xe xa  
Sentiment(polarity=0.5, subjectivity=0.5)

Positive  
rt bitcoin giveaway follow amp retweet tag friend ends hours  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt see freelancers getting paid setup btcpayserver build stuff consulting make  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)



Neutral  
 help magic money friends crypto cryptocurrency bitcoin fb  
 Sentiment(polarity=0.5, subjectivity=1.0)  
 Positive  
 wishes ada right ada cardano crypto bitcoin eth ethereum minneapolisriots btc xe  
 xa  
 Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
 Positive  
 next february february bitcoin touch spark booming  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 rt really enjoyed time interested learning mentioned  
 Sentiment(polarity=0.375, subjectivity=0.6)  
 Positive  
 bitcoin subjected unprecedented turbulence throughout past months declining lows  
 xe xa  
 Sentiment(polarity=0.175, subjectivity=0.575)  
 Positive  
 kava confirm golden cross favorite time frame alts chart shows historical  
 volatility xe xa  
 Sentiment(polarity=0.2, subjectivity=0.375)  
 Positive  
 vc fund dedicated making investments bitcoin ecosystem nif drastical xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 sell everything stack bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 crypto gurus pocket billions wh xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 ferris  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 longing whatever dip bitcoin gives new daily seems like brainer ish  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
 Positive  
 bitcoin btc  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin daily candle closing soon bias going daily close  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 daily profit hodling btc since data taken since utc updated every hour bitcoin  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 rt goldman sachs slammed bitcoin gold investor call crypto community makes known

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin price surging right sure xe related news needs break resistance area let  
xe go  
Sentiment(polarity=0.2619047619047619, subjectivity=0.6082010582010581)  
Positive  
rt click see hour bitcoin price prediction pynk beta xf comment tell prediction  
xf xa xa xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt mit degree verified bitcoin blockchain done without token  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
finally received personal nodl bitcoin assistant morning xf xa xf xbb xe xf xbb  
xf xa xf thanks ultra special extr xe xa  
Sentiment(polarity=0.1392857142857143, subjectivity=0.5178571428571428)  
Positive  
rt week bitcoin cash xf xf xbb xe xe xef xb  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt easily provable interesting game theoretic consideration xe cia created bit  
xe xa  
Sentiment(polarity=0.1777777777777778, subjectivity=0.5777777777777778)  
Positive  
bitcoin happening barrier much  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive  
rt goldman releases anti crypto report price btc goes eth goes nrussia claims  
ban bitcoi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt crypto see ada today ada cardano crypto bitcoin eth ethereum minneapolisriots  
btc blockchain xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt central banking tyrannical financial system drives centralization power xe  
monetary socialism bitc xe xa  
Sentiment(polarity=0.0, subjectivity=0.125)  
Neutral  
mine bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt day goldman sachs says buy bitcoin bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
rt currency percent via lt new virtual currency actually cat xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)  
Positive

rt whales btc piss lot bears xf xbb ndisbelief settle ct nimo looking bullish af  
coupled histori xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

conclusion assert market cap erc surpassing eth mean gam xe xa  
Sentiment(polarity=-0.3125, subjectivity=0.6875)  
Negative

would agree nif bitcoin xc xa gold dgb diamond xf digibyte  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

rt bitcoin bullish boys xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

hello sent bitcoin btc address cash app pm xe got confirmations bl xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

passed subscribers xe xa xef xb bitcoin giveaways free vip packages reach thank  
al xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive

bitcoin care xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

way stop bitcoin spammers peter wall comment bitcoin doe xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

xf xa huobi bounty time nwhat could xf xb bitcoin ntake challenges find xe xac  
xef xb fno pain gain xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

hit bitcoin bands xf xf thanks bitch  
Sentiment(polarity=0.2, subjectivity=0.2)  
Positive

earn lot profits today investing crypto currency bitcoin minimum bronze package  
would xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin stimulus check xf xa xb xf free make sure retweet like tweet make sure  
subscriber xe xa  
Sentiment(polarity=0.4666666666666666, subjectivity=0.8592592592592592)  
Positive

earn ethereum simple tasks freecrypto giveaway airdrop freetoken crypto bit xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.35714285714285715)  
Neutral

latest tfpodcast streaming discussing took place xe financial institutions vs  
bitcoin amp crypto xe xa  
Sentiment(polarity=0.25, subjectivity=0.45)

Positive  
 think right stelter eth liammcd  
 Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)

Positive  
 like bitcoin reasons goldman sachs  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin starting morning strong looking like wants pump today nnot much volume  
 recent rejecti xe xa  
 Sentiment(polarity=0.16666666666666666, subjectivity=0.27666666666666667)

Positive  
 rt etn reached sats another great performing day awesome articles reports coming  
 xe xa  
 Sentiment(polarity=0.9, subjectivity=0.875)

Positive  
 work progress bitcoin bitcoinart  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 buying bitcoin xf xa xf xa xf xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 goldman sachs saying buy bitcoin like exxon mobil telling people buy tesla gs  
 tsla btc xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 xf xb uk lockdown profound effect bitcoin purchases says xf xb data collected  
 crypto trading xe xa  
 Sentiment(polarity=0.08333333333333333, subjectivity=1.0)

Positive  
 bitcoin suisse users trade gold bitcoin ethereum  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin changed life  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 slotocash casino new free spins coupon players first deposit bonus code xe xa  
 Sentiment(polarity=0.26212121212121214, subjectivity=0.5292929292929293)

Positive  
 latest tfpodcast streaming discussing took place xe financial institutions vs  
 bitcoin amp crypto xe xa  
 Sentiment(polarity=0.25, subjectivity=0.45)

Positive  
 yr old son asked tornado versus bitcoin would win depth conversation decentr xe  
 xa  
 Sentiment(polarity=0.45, subjectivity=0.30000000000000004)

Positive  
 see freelancers getting paid setup btcpayserver build stuff consulting xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 let forget bitcoin shortage wallstreet crypto bitcoinshortage  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 soon people rioting us start wearing bitcoin shirts bull market raiding  
 continues  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 commission kickback link nand share commission link someone interested ndo want  
 xe xa  
 Sentiment(polarity=0.25, subjectivity=0.5)

Positive  
 high ada pump ada cardano crypto bitcoin eth ethereum minneapolisriots btc  
 blockchain eos xe xa  
 Sentiment(polarity=0.16, subjectivity=0.5399999999999999)

Positive  
 xe know bitcoin giving feeling xe like rampant bull xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 anyone tell xmc exists something xmr monero cryptocurrency bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt spacetravel mac token hodl buyback live ending less two days xe xa  
 Sentiment(polarity=-0.0151515151515152, subjectivity=0.2833333333333333)

Negative  
 year btc trading price stable xe moved years nyoud xe bar overhear two frie xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 depends characteristics ethereum bitcoin zcash chain link example would  
 different cases  
 Sentiment(polarity=0.0, subjectivity=0.6)

Neutral  
 bill exemplary human kind  
 Sentiment(polarity=0.3, subjectivity=0.5)

Positive  
 bitcoin twitter nhelp persuade noble debate hypothesis cia xe xa  
 Sentiment(polarity=0.6, subjectivity=0.9)

Positive  
 spouse thinking nme wondering jetsons tv show still use paper money even flying  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 surprised either see million tether issuance  
 Sentiment(polarity=0.1, subjectivity=0.9)

Positive  
 like ncv economy crisis printer working time riots lockdown nand bitcoin like  
 nno fks xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin replace gold crypto data analytics company ceo says could bitcoin world  
 digital gold repla xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 buy bitcoin mop  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 xf ama news think current focus definitely staking general update xe xa  
 Sentiment(polarity=0.016666666666666673, subjectivity=0.4666666666666666)

Positive  
 show hn opinionated markdown html tutorial publisher ai ml news tech bitcoin xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 live streaming discusses took place financial institutions xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.25)

Positive  
 latest tfpodcast streaming discussing took place xe financial institutions vs  
 bitcoin amp crypto xe xa  
 Sentiment(polarity=0.25, subjectivity=0.45)

Positive  
 whenever price pumps premium increases means majority still trying short exactly  
 xe xa  
 Sentiment(polarity=0.125, subjectivity=0.275)

Positive  
 bitcoin taking hour send xf xa xb digibyte solves xf  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 stable money important regular folks nthe fed go print billion bitcoin xe xa  
 Sentiment(polarity=0.2, subjectivity=0.5384615384615384)

Positive  
 crypto like bitcoin unlike mcm anonymous satoshi eth ada known founder russia  
 actually xe xa  
 Sentiment(polarity=0.0, subjectivity=0.1)

Neutral  
 goldman sachs presentation titled cryptocurrencies including bitcoin asset class  
 nhere xe xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin history know nsatoshidice one earliest bitcoin gambling website sold btc  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 rt commission kickback link nand share commission link someone interested ndo  
 want xe xa  
 Sentiment(polarity=0.25, subjectivity=0.5)

Positive

believe xe general computation bitcoin style verifiability  
Sentiment(polarity=0.05000000000000002, subjectivity=0.5)  
Positive  
today video compare two video platforms starting new channel look vibrant amp  
youtube one xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)  
Positive  
bitcoin joke joke think money way volatile mark blyth maybe th xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf new bitcoin defi bridge cross minutes show id dad starts btc ends wi xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
Positive  
bitcoin community plagued bullying immaturity feel like asshole think xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
new airdrop creekex token xf xb total receive crx tokens creekex airdrop xf xb  
tasks submit dat xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.6022727272727273)  
Positive  
spotify streamed track day country ai ml news tech bitcoin ethereum xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
trends shows wall street bitcoin buying frenzy  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
divi podcast episode live soundcloud grab seat listen ceo hedera hashgraph  
colleague ta xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
Positive  
xe watching donations roll xe floored humbled stunned thank love notes xe  
reading rig xe xa  
Sentiment(polarity=0.5, subjectivity=0.6)  
Positive  
goldman sachs bitcoin goldman make money transactions create bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
looks like bitcoin creating broadening descending wedge targets next nlearn  
patterns xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf btc usd intraday nas long support look xf alternative scenario nthe downside  
breakout would xe xa  
Sentiment(polarity=-0.05, subjectivity=0.4)  
Negative  
bitcoin continue move towards daily highs nhowever always look price retest  
breakout xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 everyone owning bitcoin hedging xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 price went way immediately entry looks solidly nmoved stop breakeven zero ris xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.1)  
 Neutral  
 market still sideways xf xb  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 belgium xf xa xf xaa nnot mucho bitcoin per citizen btc nbut mucho satoshi  
 satoshi btc xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 many facts pointing adam back satoshi bitcoin bitcoincash bitcoincore xe xa  
 Sentiment(polarity=0.25, subjectivity=0.25)  
 Positive  
 also people need use bitcoin bitcoin xe get lost government incompetence  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 next block fee rate sat vbyte nhalf hour fee rate sat vbyte nhour fee rate sat  
 vbyte nyou broadcast xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 luke jr sit many years use segwit style addresses preferable high traffic xe xa  
 Sentiment(polarity=0.33, subjectivity=0.52)  
 Positive  
 luke jr much reddit anymore since anti evil team actively helping child sex  
 trafficking  
 Sentiment(polarity=-0.3111111111111111, subjectivity=0.6)  
 Negative  
 trump signs executive order targeting protections social media companies ai ml  
 news xe xa  
 Sentiment(polarity=0.03333333333333333, subjectivity=0.06666666666666667)  
 Positive  
 institutional fomo begins one firms buys new bitcoin supply  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)  
 Positive  
 billionaire seeks safety bitcoin gentlemen  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 done xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 see bitcoin never see bitcoin nif see bitcoin ne xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral



bitcoin getting interesting rn rsi creeping overbought territory low break  
 retest xe xa  
 Sentiment(polarity=0.25, subjectivity=0.4)  
 Positive  
 hbar nexited loss xf xb work today forgot set stop loss xf xa xa nmoved funds  
 coti xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 one person ends hours qualify retweet follow amp  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 latest tfpodcast streaming discussing took place xe financial institutions vs  
 bitcoin amp crypto xe xa  
 Sentiment(polarity=0.25, subjectivity=0.45)  
 Positive  
 bitcoin billionaires next xf xf xbd  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 legit want bitcoin amazon money im legit tryna drain shit friday  
 Sentiment(polarity=-0.2, subjectivity=0.8)  
 Negative  
 bitcoin billionaires next xf xf xbd  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin mining break moment institutional investors understand energy business  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 vet pushing today retest htf xf xa diagonal resistance previous tweet thread  
 target xe xa  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.16666666666666666)  
 Negative  
 goldman sachs slammed bitcoin gold investor call crypto community makes known  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 say buy gold silver amp bitcoin trust fed treasury wall street game rigg xe xa  
 Sentiment(polarity=-0.4, subjectivity=0.4)  
 Negative  
 bad news cashless society becoming reality ngood news bitcoin  
 Sentiment(polarity=-0.12499999999999992, subjectivity=0.7583333333333333)  
 Negative  
 many people say bitcoin real money sell products services bitcoin time nand lot  
 peop xe xa  
 Sentiment(polarity=0.35, subjectivity=0.4)  
 Positive  
 receive free bat tokens extstock airdrop nsteps follow us rt tweet comment  
 cryptocurre xe xa  
 Sentiment(polarity=0.4, subjectivity=0.8)  
 Positive

get celebrate bitcoin pizza day eat least two full pies xe four twelve planeta  
xe xa  
Sentiment(polarity=0.024999999999999994, subjectivity=0.47500000000000003)  
Positive  
aion target hit profit xf xa xf xa nfree crypto channel join btc nxt lsk waves  
rep xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
chart proves spanish schedules downright weird ai ml news tech xe xa  
Sentiment(polarity=-0.06666666666666667, subjectivity=0.3333333333333333)  
Negative  
tell tarantino best movie gonna bitcoin billionaires  
Sentiment(polarity=1.0, subjectivity=0.3)  
Positive  
bitcoin stimulus check xf xa xb xf free make sure retweet like tweet make sure  
subscriber xe xa  
Sentiment(polarity=0.46666666666666666, subjectivity=0.8592592592592592)  
Positive  
bitcoin people please tired shame hard tell follow xf xad xf xad xf  
Sentiment(polarity=-0.3458333333333333, subjectivity=0.6208333333333333)  
Negative  
last days grayscale bitcoin trust bought bitcoin nthat xe usd days xe xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
latest tfpodcast streaming discussing took place xe financial institutions vs  
bitcoin amp crypto xe xa  
Sentiment(polarity=0.25, subjectivity=0.45)  
Positive  
bitcoin history know nsatoshidice one earliest bitcoin gambling website sold xe  
xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
btc nwhat makes macro bearish bullish chart bearish bullish bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
live streaming discusses took place financial insti xe xa  
Sentiment(polarity=0.06818181818181818, subjectivity=0.25)  
Positive  
bitcoin bullish boys xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
trends shows wall street bitcoin buying frenzy btc  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
look platform bias bitcoin nice icon doge cute doggie icon xf  
Sentiment(polarity=0.55, subjectivity=1.0)  
Positive  
latest tfpodcast streaming discussing took place xe financial institutions vs

bitcoin amp crypto xe xa  
 Sentiment(polarity=0.25, subjectivity=0.45)  
 Positive  
 bought btc  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 sec comm peirce btc etf would price graysclale xe gbtc fairly  
 Sentiment(polarity=0.3, subjectivity=0.75)  
 Positive  
 day goldman sachs says buy bitcoin bitcoin xf xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin primary function store value result primary function nbitcoin fuck money  
 nfor xe xa  
 Sentiment(polarity=0.1333333333333333, subjectivity=0.5333333333333333)  
 Positive  
 sounds noble disagree fixing money fixes society bitcoin true value come xe xa  
 Sentiment(polarity=0.475, subjectivity=0.775)  
 Positive  
 reason teaching nbitcoin blockchain revolutionize financial system ncash  
 worthless  
 Sentiment(polarity=-0.4, subjectivity=0.45)  
 Negative  
 market wrap short sellers crushed number go xe ci think big rally start think ar  
 xe xa  
 Sentiment(polarity=-0.0333333333333333, subjectivity=0.1666666666666666)  
 Negative  
 live streaming discusses took place financial insti xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.25)  
 Positive  
 tell tarantino best movie gonna bitcoin billionaires  
 Sentiment(polarity=1.0, subjectivity=0.3)  
 Positive  
 bitcoin bullish boys xf  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 low time preference rule lands impatient bitcoin citadels  
 Sentiment(polarity=-0.1, subjectivity=0.6)  
 Negative  
 generated bitcoin paper wallet coinflipatm xf xa xb xe xe xef xb none option  
 import paper wallet mob xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 cybersecurity hacker cryptocurrency ultimate guide cryptocurrency bitcoin mining  
 bitcoin investing bi xe xa  
 Sentiment(polarity=0.0, subjectivity=1.0)  
 Neutral  
 rt crypto goldman sachs proving know nothing bitcoin shame bitcoin btc

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goldman thinks dollar sound inflation threat recom xe xa  
Sentiment(polarity=0.4, subjectivity=0.4)  
Positive  
dover yc hiring third engineer build modern recruiting agency ai ml news xe xa  
Sentiment(polarity=0.1, subjectivity=0.15)  
Positive  
day goldman sachs says buy bitcoin bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
many people say bitcoin real money sell products services bitcoin time nand lot  
peop xe xa  
Sentiment(polarity=0.35, subjectivity=0.4)  
Positive  
oxt plenty gas left tank imo chase pumps bitcoin soon xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
fri may nUSD nWght nBlk nSize kb nTxS nPool mb bi xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
im noticing nice bitcoin consolidation bitstamp btcUSD ckk btc  
Sentiment(polarity=0.6, subjectivity=1.0)  
Positive  
long USD still holds sway use dollar liquidity float rehypothecated bitcoin  
dollar dead xe xa  
Sentiment(polarity=-0.125, subjectivity=0.4)  
Negative  
many people say bitcoin real money sell products services bitcoin time nand lo  
xe xa  
Sentiment(polarity=0.35, subjectivity=0.4)  
Positive  
xf xa ultimate protocol nd airdrop live xf xb total reward upt xe upt xe per  
referred xe xa  
Sentiment(polarity=0.04545454545454545, subjectivity=0.75)  
Positive  
remote work hard fixed ai ml news tech bitcoin ethereum xe xa  
Sentiment(polarity=-0.09722222222222225, subjectivity=0.3138888888888889)  
Negative  
long USD still holds sway use dollar liquidity float rehypothecated bitcoin  
dolla xe xa  
Sentiment(polarity=-0.05, subjectivity=0.4)  
Negative  
market wrap quick vendor liquidations assist push bitcoin past  
Sentiment(polarity=0.04166666666666666, subjectivity=0.375)  
Positive  
bitcoin rises clinching april gain fifth year running  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
goldman sachs said bitcoin generate revenue like bonds guess intrigued et xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
think right stelter eth liammcd  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)

Positive  
last chance win bitcoin giveaway cryptocurrency crypto xf xa  
Sentiment(polarity=0.4, subjectivity=0.23333333333333334)

Positive  
think altcoins game changer adoption bitcoin reason ncheck xe xa  
Sentiment(polarity=-0.4, subjectivity=0.4)

Negative  
bitcoin news roundup may chainlink enjin goldmansachs handshake markets  
marketsdaily xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
buy bitcoin apple pay debit card using wyre api redeem  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
rt day goldman sachs says buy bitcoin bitcoin xf xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
powerpc solaris rs ai ml news tech bitcoin ethereum crypto blockchain xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
current block height blocks passed since last bitcoin halving bitcoinhalving  
counter  
Sentiment(polarity=0.0, subjectivity=0.23333333333333334)

Neutral  
xrp xrpcommunity btc bitcoin eth ltc xlm newly elected elected members fpc xe  
board directors pa xe xa  
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)

Positive  
godfather leave fiat xf xb take bitcoin much better deal  
Sentiment(polarity=0.5, subjectivity=0.5)

Positive  
btcusd bitcoin naaaand back  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
know someone working decent decentralized social network would probably time  
launch xe xa  
Sentiment(polarity=0.09999999999999999, subjectivity=0.36666666666666664)

Positive  
ibmr really xe doubt holding arcc probably shatter roof soon  
Sentiment(polarity=0.2, subjectivity=0.2)

Positive  
bitcoin giveaway follow amp retweet tag friend ends hours

Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
xf xa huobi bounty time nwhat could xf xb bitcoin ntake challenges find xe xac  
xef xb fno pain gain xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
dear goldman sachs stop lying bitcoin via  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
geminii integrates samsung blockchain wallet btc bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goldman sachs slammed bitcoin gold investor call crypto community makes known  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
goldman sachs bitcoin goldman make money transactions create bitcoin xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin xe care xf  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
last chance win bitcoin giveaway cryptocurrency crypto xf xa  
Sentiment(polarity=0.4, subjectivity=0.23333333333333334)  
Positive  
live periscope latest tfpodcast streaming discussing took place xe financial  
institution xe xa  
Sentiment(polarity=0.21212121212121213, subjectivity=0.46666666666666666)  
Positive  
high ada pump ada cardano crypto bitcoin eth ethereum minneapolisriots btc  
blockchain eos xe xa  
Sentiment(polarity=0.16, subjectivity=0.53999999999999999)  
Positive  
crypto charts bitcoin dominance yet choose direction ethereum setup would wait  
xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
good morning btc accumulation country xf xf xf xbb xf nwhat better way enjoy  
cool af chat xf xf xf xe xa  
Sentiment(polarity=0.48750000000000004, subjectivity=0.5625)  
Positive  
latest tfpodcast streaming discussing took place xe financial institutions vs  
bitcoin amp crypto xe xa  
Sentiment(polarity=0.25, subjectivity=0.45)  
Positive  
grayscale bitcoin trust bought bitcoins since halving nonly bitcoins mined since  
halving xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral

bitcoin xf bet btc xf xa via xe xb xe  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 rt fill blank nif could buy one crypto would nbonus points tell us  
 cryptocurrency xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 bitcoin ew perspective symmetrical triangle scenarios xf bet btc xf xa via xe xb  
 xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 find info fund looked website could find bit xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 goldman sachs saying buy bitcoin like exxon mobil telling people buy tesla  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 interesting report data coming huobi research showing may th total number  
 bitcoin addresses xe xa  
 Sentiment(polarity=0.25, subjectivity=0.625)  
 Positive  
 goldman sachs bitcoin goldman make money transactions create bitcoin xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 hamburger day celebrating altcoin fomo nwhich one eating xf bitcoin max xf eth  
 stake xf xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 executive order preventing online censorship ai ml news tech bitcoin ethereum xe  
 xa  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral  
 binance bitcoin black bcb binance sign petition via  
 Sentiment(polarity=-0.16666666666666666, subjectivity=0.43333333333333335)  
 Negative  
 real estate sales amp services company credit partner services included funding  
 potential notice xe xa  
 Sentiment(polarity=0.1, subjectivity=0.65)  
 Positive  
 new bitcoin defi bridge cross minutes show id dad starts btc ends wi xe xa  
 Sentiment(polarity=0.06818181818181818, subjectivity=0.22727272727272727)  
 Positive  
 xf arcc staking phase live days xf xf xe gmt nbiki mining pool launched xe xa  
 Sentiment(polarity=0.13636363636363635, subjectivity=0.5)  
 Positive  
 bitcoin goes next bull run price ethereum reach  
 Sentiment(polarity=0.0, subjectivity=0.0)  
 Neutral

live periscope latest tfpodcast streaming discussing took place xe financial  
insti xe xa  
Sentiment(polarity=0.212121212121213, subjectivity=0.4666666666666666)  
Positive  
agreed xe disagree take bitcoin maxis say eats security network despite higher  
xe xa  
Sentiment(polarity=0.25, subjectivity=0.5)  
Positive  
jpmorgan pay million settle lawsuit overcharging crypto fees  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
saying trust saying want read iota beside xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
think right stelter eth liammcd  
Sentiment(polarity=0.2857142857142857, subjectivity=0.5357142857142857)  
Positive  
says guy manages mm dollars portfolio xe etfs cash clears sc xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
show hn pagemarker xe organize annotate revisit bookmarks ai ml news tech xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
next block fee rate sat vbyte nhalf hour fee rate sat vbyte nhour fee rate sat  
vbyte nyou broadcast xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
baba finish olosho bring olosho say na bitcoin de collect still de thematter  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
baba finish olosho bring olosho say na bitcoin de collect still de thematter  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
gon put bitcoin lol xe tryna learn  
Sentiment(polarity=0.8, subjectivity=0.7)  
Positive  
mine phone free macron giveaway iot indiedev gamedev ai defstar crypto  
artificialintelligence xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
featured article today please forget subscribe daily newsletter xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
nice rate xe bad hold token specially grows annually  
Sentiment(polarity=0.08571428571428576, subjectivity=0.746031746031746)  
Positive  
understand bitcoin problem next week ghost blockchain every muggle love ro xe xa  
Sentiment(polarity=0.25, subjectivity=0.3)



Positive  
 xf xb bitcoin live episode crypto technical analysis via nepisode woot woot  
 Sentiment(polarity=0.068181818181818, subjectivity=0.3)

Positive  
 um listed bitcoin like years ago  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bears early nbitcoin near upper trendline amp made sense exit half size nplan  
 add xe xa  
 Sentiment(polarity=0.008333333333333338, subjectivity=0.21666666666666665)

Positive  
 btc never go btc bitcoin  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 latest tfpodcast streaming discussing took place xe financial institutions vs  
 bitcoin xe xa  
 Sentiment(polarity=0.25, subjectivity=0.45)

Positive  
 bitcoin core developers economic ignoramus many state evidences  
 Sentiment(polarity=0.35, subjectivity=0.35)

Positive  
 crocs bought drugs online via bitcoin worked  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 bitcoin replace gold crypto data analytics company ceo xc xa says  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 goldman sachs loves bitcoin much tell clients buy buy includes xe xa  
 Sentiment(polarity=0.2, subjectivity=0.2)

Positive  
 trends shows wall street bitcoin buying frenzy  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 crypto trading trends lockdown xe change much initial slowdown bitcoin continued  
 dominat xe xa  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 anyone seeing dip coindesk bitcoin back two minutes coindesk xrpcommunity  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 trends shows wall street bitcoin buying frenzy  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
 new york xe frontline workers battling bravely covid thank https xe xa  
 Sentiment(polarity=0.4681818181818182, subjectivity=0.7272727272727273)

Positive  
 unchained capital vob bitcoin antifragile presentation  
 Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
bullish case bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
friends completely devastated current economic conditions xc xa survival project  
depends solely xe xa  
Sentiment(polarity=0.10000000000000002, subjectivity=0.3333333333333333)

Positive  
next bitcoin miss xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
coincidentally noticed lot intense regulation regarding cryptos across europe  
either france germany th xe xa  
Sentiment(polarity=0.2, subjectivity=1.0)

Positive  
trim fart melanie iglesias fix jack nicklaus ranch dressing clown kit sad dog  
make nutriti xe xa  
Sentiment(polarity=-0.5, subjectivity=1.0)

Negative  
coincidentally noticed lot intense regulation regarding cryptos across europe  
either france xe xa  
Sentiment(polarity=0.2, subjectivity=1.0)

Positive  
honestly lot concerned goldman sachs understand bitcoin  
Sentiment(polarity=0.6, subjectivity=0.9)

Positive  
global crypto awards nto know visit globalcryptoawards crypto cryptocurren xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
framework benchmarks round ai ml news tech bitcoin ethereum crypto blockchain et  
xe xa  
Sentiment(polarity=-0.2, subjectivity=0.4)

Negative  
xrp price projections hype via nwhere next xrp bull cycle lead xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
want say thank next years cause sell zero bitcoin  
Sentiment(polarity=0.0, subjectivity=0.0)

Neutral  
fake account bullish bitcoin  
Sentiment(polarity=-0.5, subjectivity=1.0)

Negative  
fellow safexians cryptominers support safex sfx start mining every available  
laptop desktop xe xa  
Sentiment(polarity=0.4, subjectivity=0.4)

Positive  
xrp xrpcommunity btc bitcoin eth ltc vet oh yes ripple mentioned business  
unusual defining new xe xa

Sentiment(polarity=0.16818181818181818, subjectivity=0.7272727272727273)  
Positive  
yes world global pandemic world going recession invest xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin mining break moment institutional investors understand energy business  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
suggestions decided buy following bitcoin ethereum litecoin digibyte chainlink  
tezo xe xa  
Sentiment(polarity=0.0, subjectivity=0.1)  
Neutral  
btc latest block info block holds transactions total bitcoin including block rew  
xe xa  
Sentiment(polarity=0.25, subjectivity=0.825)  
Positive  
looting news awful see  
Sentiment(polarity=-1.0, subjectivity=1.0)  
Negative  
nytimes apr injection fed plan far exceeds rescue  
Sentiment(polarity=0.1, subjectivity=1.0)  
Positive  
government prints trillions dollars thin air bitcoin reduced issuance xe xa  
Sentiment(polarity=-0.4, subjectivity=0.8500000000000001)  
Negative  
adam emerges fud stasis  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
bitcoin era uptime major updates gt crushed chinese mining pool cartel crushed  
vc backed xe xa  
Sentiment(polarity=-0.034375, subjectivity=0.175)  
Negative  
xf xa btc xe betfury event xf xa xf join get free bitcoin twitter campaig xe xa  
Sentiment(polarity=0.4, subjectivity=0.8)  
Positive  
xrp xrpcommunity btc bitcoin eth ltc vet oh yes ripple mentioned business  
unusual defining new xe xa  
Sentiment(polarity=0.16818181818181818, subjectivity=0.7272727272727273)  
Positive  
yes world global pandemic world going recession invest xe xa  
Sentiment(polarity=0.0, subjectivity=0.0)  
Neutral  
last days grayscale bitcoin trust bought bitcoin nthat xe usd days nobv xe xa  
Sentiment(polarity=0.0, subjectivity=0.06666666666666667)  
Neutral  
pretty incredible imho nwe need creativity like crypto bitcoin space  
Sentiment(polarity=0.575, subjectivity=0.95)  
Positive

```
drop sachs nget sats
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
```

```
[ ]:
```

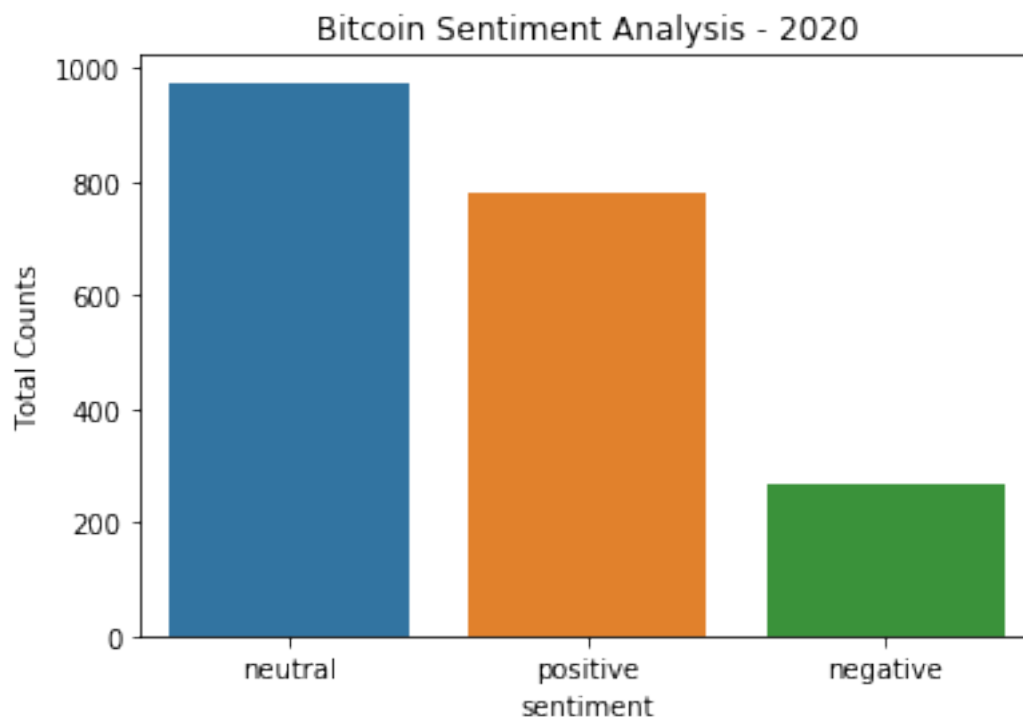
## 1.4 Visualization

```
[22]: tweets_count = tweets_data['sentiment'].value_counts()
      tweets_count
```

```
[22]: neutral      974
      positive     780
      negative     266
      Name: sentiment, dtype: int64
```

```
[23]: # Plot sentiment mood count
      seaborn.countplot(x='sentiment', data=tweets_data)
      plt.title('Bitcoin Sentiment Analysis - 2020')
      plt.ylabel('Total Counts')
```

```
[23]: Text(0, 0.5, 'Total Counts')
```



```
[ ]:
```