btctweets_pre-processing-05312020

June 10, 2020

1 Bitcoin Tweets Pre-processing

```python
[1]: 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 csv
     import nltk
     from nltk.corpus import stopwords
     from textblob import TextBlob

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

```python
[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  \
```

1

```
0  Goldman Sachs Is Hosting A Client Call About B…    0.00       0.000
1  OK… Then why is President Trump endorsing To…      0.50       0.500
2  It\xe2\x80\x99s #Bitcoin \xf0\x9f\x8d\x95 Day!…    0.25       0.277
3  Great article on @Cointelegraph\nIf only there…   0.25       0.650
4  #Bitcoin #BTC current price (GBP): 7,547.70\n+…   0.00       0.400


   sentiment
0   neutral
1  positive
2  positive
3  positive
4   neutral
```

[3]: `tweets_data.tail()`

[3]:
```
            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    #XRP #xrpcommunity  #btc #bitcoin #eth #ltc #…   0.16818
2016    @RideUTA Yes, it s a world global pandemic. T…   0.00000
2017    Over the last 15 days the Grayscale Bitcoin T…   0.00000
2018    is pretty incredible imho.\n\nWe need more cr…   0.55000
2019                       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
```

[4]: `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
```

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

```
[5]: no_name            912
     danheld             46
     blockfolio          22
     lopp                19
     jk_rowling          18
                        ...
     sylcloutier          1
     Lisa888000888        1
     nebraskangooner      1
     Tr0llyTr0llFace      1
     hustler_bitcoin      1
     Name: name, Length: 495, dtype: int64
```

1.1 Clean Text

```
[6]: # 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()
```

[7]:
```python
clean_tweets = []
for tweet in tweets_data.text:
    clean_tweets.append(tweet_cleaner(tweet))
tweets_data['clean_text'] = pd.DataFrame(clean_tweets)
```

[8]:
```python
clean_tweets[:20]
```

[8]:
```
['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

[9]:
```python
# Visualization using wordcloud for the text
strings = ''
for text in tweets_data['clean_text']:
    strings += text
```

```
# Generate a wordcloud image
wordcloud = WordCloud(background_color='black',
                        collocations=False
                     ).generate_from_text(strings)

# Display the image with matplotlib
plt.figure(1,figsize=(15, 12))
plt.imshow(wordcloud)
plt.title('Bitcoin Word Cloud - 2020')
plt.axis('off')
plt.show()
```


Bitcoin Word Cloud - 2020

1.3   Sentiment Analysis

```
[10]: for tweet in clean_tweets:
          print(tweet)
          analysis = TextBlob(str(tweet))
          print(analysis.sentiment)
          if analysis.sentiment[0]>0:
              print('Positive')
          elif analysis.sentiment[0]<0:
              print('Negative')
          else:
              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=0.27777777777777773)
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=0.31666666666666665)
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 cny 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=0.27777777777777773)
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=0.27777777777777773)
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=0.31666666666666665)
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=0.41666666666666663)
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=0.27777777777777773)
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=0.43333333333333335, subjectivity=0.39999999999999997)
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=0.13636363636363635, subjectivity=0.45454545454545453)
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=0.13636363636363635, subjectivity=0.45454545454545453)
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=0.5111111111111112, subjectivity=0.8777777777777778)
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=0.27777777777777773)
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=0.13636363636363635, subjectivity=0.45454545454545453)
Positive
rowling 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=0.41818181818181815, subjectivity=0.5272727272727273)
Positive
yeah good sure xf many bags different crypto ni tend xe xa
Sentiment(polarity=0.425, subjectivity=0.6472222222222223)
Positive
grayscale bitcoin trust whole new level naverage weekly investment million
naverage weekly xe xa
Sentiment(polarity=0.16818181818181818, subjectivity=0.42727272727272725)
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=0.5666666666666667)
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=0.068181818181818, 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=0.21666666666666667)

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
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=0.6000000000000001)

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
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=0.13636363636363635, 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
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=0.4000000000000001, 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=0.19999999999999998, subjectivity=0.6)
Positive
interested helping develop solutions one bitcoin cryptocurrency xe important
long term threats know rust xe xa
Sentiment(polarity=0.19999999999999998, 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=0.611111111111111)
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=0.028787878787878782, 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=0.16666666666666666, 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=0.43333333333333335, 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 amld 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=-0.07765151515151517, subjectivity=0.49810606060606055)
Negative

crypto long amp short battle yields current crisis mean value actual cash xe xa
Sentiment(polarity=-0.0725, subjectivity=0.37750000000000006)
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=0.13636363636363635, 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 multicoin 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 volum 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=0.13636363636363635, subjectivity=0.45454545454545453)
Positive
new software fix offers bitcoin miners increased security startup braiins
released first functioning code xe xa
Sentiment(polarity=0.1621212121212121, subjectivity=0.2626262626262626)
Positive
crypto amp fundraising dropped sharply pwc report value crypto amp deals last
year dropped xe xa
Sentiment(polarity=-0.0625, subjectivity=0.4083333333333333)
Negative
steem witnesses freeze latest tit tat hard fork insurgents witnesses steem
frozen eight xe xa
Sentiment(polarity=0.10416666666666666, subjectivity=0.7208333333333333)
Positive
miner perspectives bitcoin halving part new podcast series hosted coindesk
research analyst chr xe xa
Sentiment(polarity=0.13636363636363635, subjectivity=0.45454545454545453)
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=0.22083333333333333, subjectivity=0.43333333333333335)
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=0.4000000000000001)
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
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=0.13636363636363635, 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
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 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=0.4000000000000001, 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=0.19999999999999998, subjectivity=0.6)
Positive
interested helping develop solutions one bitcoin cryptocurrency xe important
long term threats know rust xe xa
Sentiment(polarity=0.19999999999999998, 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=0.4000000000000001)
Positive
average us worker must work hours buy single share amp index nin
Sentiment(polarity=-0.11071428571428571, subjectivity=0.30714285714285)
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
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=0.21666666666666667)
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

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 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
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=0.4000000000000001, 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=0.19999999999999998, 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=0.16666666666666666, 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 cny 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
booooooooooooooooom 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=0.4666666666666666)
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=0.031313131313131314, 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 cypherpunkswritecode
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=0.3527777777777778)
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=0.3666666666666667, 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
shoping 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=0.024999999999999994, 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=0.028124999999997, 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=0.43333333333333335, 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 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=0.3666666666666667, 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=0.13636363636363635, subjectivity=0.45454545454545453)
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=-0.09999999999999999, subjectivity=0.15555555555555556)
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=0.2333333333333333)

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=0.23333333333333334)
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 ntotal 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=-0.08181818181818182, 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=0.06666666666666667)
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
Sentiment(polarity=-0.125, subjectivity=0.375)
Negative
fed amp biggest threat bitcoin bitcoin bitcoinforum
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
bitcoin amp biggest threat bitcoin bitcoin bitcoinforum

```
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
get one run bitcoin bitcoinforum
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
thank jack cool bitcoin bitcoinforum
Sentiment(polarity=0.35, subjectivity=0.65)
Positive
hahahaha printer goes brrrrrr brrrrrrrrr bitcoin bitcoinforum
Sentiment(polarity=0.2, subjectivity=0.5)
Positive
invest today bitcoin bitcoinforum
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
hal finney proposed bitcoin banks would future bitcoin agree disagree xe xa xe
xa
Sentiment(polarity=0.0, subjectivity=0.125)
Neutral
sorry speculating thinking rich time understand th xe xa xe xa
Sentiment(polarity=-0.0625, subjectivity=0.875)
Negative
rt automatic recurring purchases bitcoin daily weekly every weeks change display
xe xa
Sentiment(polarity=0.0, subjectivity=0.0)
Neutral
bitcoin higher uptime every major tech company good luck trying stop bitcoin
bitcoinforum
Sentiment(polarity=0.33749999999999997, subjectivity=0.5333333333333333)
Positive
high fee season use chart save bitcoin bitcoin bitcoinforum
Sentiment(polarity=0.16, subjectivity=0.5399999999999999)
Positive
researcher tuur demeester price target insane given crazy money pri xe xa xe xa
Sentiment(polarity=-0.8, subjectivity=0.95)
Negative
ten day chart shows likely break next hours bitcoin bitcoinforum
Sentiment(polarity=0.0, subjectivity=0.3333333333333333)
Neutral
bitcoins balance sheet simple million bitcoinforum
Sentiment(polarity=0.0, subjectivity=0.35714285714285715)
Neutral
brrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr bitcoin bitcoinforum
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 clu 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=0.13333333333333333, 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 preforming 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 counterfeiters 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 satoshipay 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=0.744444444444445)
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=0.39999999999999997, 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=0.35555555555555557)
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=0.17777777777777778, 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=0.21212121212121215, 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=0.21212121212121213, 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 btctradingview 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=0.03333333333333335, 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
airdroping 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=0.27777777777777773, subjectivity=0.444444444444444)

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=0.3666666666666667)
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=0.4666666666666666)
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 digibye 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=0.17777777777777778, 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=-0.015151515151515152, subjectivity=0.2833333333333333)
Negative
year btc trading price stable xe moved years nyou 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 vibravid amp
youtube one xe xa
Sentiment(polarity=0.06818181818181818, subjectivity=0.2772727272727273)

Positive
bitcoin joke joke think money way volatile mark blyth nmaybe 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=0.4666666666666666, 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=0.13333333333333333, 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=-0.03333333333333333, subjectivity=0.16666666666666666)
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 redeeem

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
gemini 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=0.4666666666666666)
Positive
high ada pump ada cardano crypto bitcoin eth ethereum minneapolisriots btc
blockchain eos xe xa
Sentiment(polarity=0.16, subjectivity=0.5399999999999999)
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=0.21212121212121213, 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 deside 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=0.06818181818181818, 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

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

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

```
[12]: tweets_data.describe()
```

```
[12]:           polarity   sensitivity
      count  2020.000000  2020.000000
      mean      0.106465     0.734903
      std       0.258801    19.464416
      min      -1.000000     0.000000
      25%       0.000000     0.000000
      50%       0.000000     0.233330
      75%       0.211900     0.500000
      max       1.000000   875.000000
```

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

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

Bitcoin Sentiment Analysis - 2020