

# Get tweet without API 3Oct22

October 3, 2022

```
[ ]: pip install snsrape
```

```
[ ]: pip install --upgrade pip
```

```
[ ]: pip install pandas
```

## 1 Import libraties

```
[2]: import snsrape.modules.twitter as sntwitter
import pandas as pd
import snsrape
```

### 1.1 Search query

```
[3]: query = "(from:elonmusk) until:2020-01-01 since:2010-01-01"
```

```
[4]: tweets = []
limit = 5000
```

```
[5]: for tweet in sntwitter.TwitterSearchScraper(query).get_items():
    if len(tweets) == limit:
        break
    else:
        tweets.append([tweet.date, tweet.user.username, tweet.content])
df = pd.DataFrame(tweets, columns=['Date', 'User', 'Tweet'])
print(df)
```

	Date	User	\
0	2019-12-31 21:37:06+00:00	elonmusk	
1	2019-12-31 06:59:34+00:00	elonmusk	
2	2019-12-31 06:57:57+00:00	elonmusk	
3	2019-12-31 02:27:28+00:00	elonmusk	
4	2019-12-30 23:27:10+00:00	elonmusk	
...	...	...	

```

4995 2018-03-23 15:42:50+00:00 elonmusk
4996 2018-03-23 10:18:45+00:00 elonmusk
4997 2018-03-23 09:24:45+00:00 elonmusk
4998 2018-03-23 04:37:59+00:00 elonmusk
4999 2018-03-23 01:22:14+00:00 elonmusk

```

```

                                Tweet
0          @engineers_feed @physicsJ It's a bit slow
1                @JohnnaCrider1 It's not ready yet
2                        @newschemist Explains
3    @teslaownersSV @rhoehn Thanks all Tesla club m...
4          Rest in peace Syd Mead. Your art will endure.
...
4995                                @SmileSimplify Umm...yes
4996                                @benflux Yes
4997  @georgepaul82 I double-dare them to come back!...
4998  No technology is too advanced for The Boring C...
4999  @Lori_Garver @JeffBezos That said, Lori deserv...

```

[5000 rows x 3 columns]

## 1.2 Save to csv file

```
[10]: df.to_csv('tweet.csv')
```

```
[9]: for tweet in sntwitter.TwitterSearchScraper(query).get_items():
      print(vars(tweet))
      break
```

```
{'url': 'https://twitter.com/elonmusk/status/1212125553416794114', 'date':
datetime.datetime(2019, 12, 31, 21, 37, 6, tzinfo=datetime.timezone.utc),
'content': '@engineers_feed @physicsJ It's a bit slow', 'renderedContent':
'@engineers_feed @physicsJ It's a bit slow', 'id': 1212125553416794114, 'user':
User(username='elonmusk', id=44196397, displayname='Elon Musk', description='',
rawDescription='', descriptionUrls=None, verified=True,
created=datetime.datetime(2009, 6, 2, 20, 12, 29, tzinfo=datetime.timezone.utc),
followersCount=107695929, friendsCount=122, statusesCount=19441,
favouritesCount=14326, listedCount=98087, mediaCount=1236, location='',
protected=False, linkUrl=None, linkTcourl=None, profileImageUrl='https://pbs.twi
mg.com/profile_images/1572573363255525377/Xz3fufYY_normal.jpg',
profileBannerUrl='https://pbs.twimg.com/profile_banners/44196397/1576183471',
label=None), 'replyCount': 371, 'retweetCount': 413, 'likeCount': 11469,
'quoteCount': 26, 'conversationId': 1212016456101175297, 'lang': 'en', 'source':
'<a href="http://twitter.com/download/iphone" rel="nofollow">Twitter for
iPhone</a>', 'sourceUrl': 'http://twitter.com/download/iphone', 'sourceLabel':
'Twitter for iPhone', 'outlinks': None, 'tcooutlinks': None, 'media': None,
'retweetedTweet': None, 'quotedTweet': None, 'inReplyToTweetId':
```

```

1212016456101175297, 'inReplyToUser': User(username='engineers_feed',
id=3429950987, displayname='World of Engineering', description=None,
rawDescription=None, descriptionUrls=None, verified=None, created=None,
followersCount=None, friendsCount=None, statusesCount=None,
favouritesCount=None, listedCount=None, mediaCount=None, location=None,
protected=None, linkUrl=None, linkTcoul=None, profileImageUrl=None,
profileBannerUrl=None, label=None), 'mentionedUsers':
[User(username='engineers_feed', id=3429950987, displayname='World of
Engineering', description=None, rawDescription=None, descriptionUrls=None,
verified=None, created=None, followersCount=None, friendsCount=None,
statusesCount=None, favouritesCount=None, listedCount=None, mediaCount=None,
location=None, protected=None, linkUrl=None, linkTcoul=None,
profileImageUrl=None, profileBannerUrl=None, label=None),
User(username='physicsJ', id=229623319, displayname="Dr James O'Donoghue",
description=None, rawDescription=None, descriptionUrls=None, verified=None,
created=None, followersCount=None, friendsCount=None, statusesCount=None,
favouritesCount=None, listedCount=None, mediaCount=None, location=None,
protected=None, linkUrl=None, linkTcoul=None, profileImageUrl=None,
profileBannerUrl=None, label=None)], 'coordinates': None, 'place': None,
'hashtags': None, 'cashtags': None}

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