

▼ Crawling Dataset

<https://www.earthdatascience.org/courses/use-data-open-source-python/intro-to-apis/twitter-data-in-python/>

```
import os
import tweepy as tw
import pandas as pd
import numpy as np
```

```
access_token = '1342392531359682560-D7JBU2jigpySHc5W9o3jdCVK6jLMDo'
access_token_secret = 'VOx7W6KTs7PrKk6afLuv9orOeaRs8ujIjVgutCNysDG9j'
consumer_key = 'oxxQTV6HRJV9oRkYKmEVZ6c5f'
consumer_secret = 'Trf22Tjqncw8j3l8FD1f02p44n0Pjqh2Fhbrv7XMwR5mpz3YT5'
```

```
#bearer_token = 'AAAAAAAAAAAAAAAAAADt2FcKwEAAAAabCoEW3Jc%2BU6yL2n9GVvGn9OxE0%3DQIROzH5vjmluyFT0VidYBP6XcgB5BNz3KMJzWHL9qxvB2q10rZr'
```

```
auth = tw.OAuthHandler(consumer_key, consumer_secret)
auth.set_access_token(access_token, access_token_secret)
api = tw.API(auth, wait_on_rate_limit=True)
```

```
# Define the search term and the date_since date as variables
search_words = ['data science', 'machine learning']
```

```
tweets = tw.Cursor(api.search, q=search_words).items(100)
```

```
users_locs = [[tweet.user.screen_name, tweet.user.location, tweet.text] for tweet in tweets]
# users_locs #matiin dulu biar ga kebanyakan
```

```
tweet_text = pd.DataFrame(data=users_locs,
                           columns=['user', 'location', 'tweet'])
```

```
tweet_text
```

	user	location	tweet
0	AIChatter		Top Stories, Oct 25-31: How I Tripled My Incom...
1	Discovertech3	Internet	RT @freehipwee1: Machine Learning A-Z™: Hands-...
2	Discovertech3	Internet	RT @freehipwee1: Machine Learning A-Z™: Hands-...
3	hubofml	Germany	RT @freehipwee1: Machine Learning A-Z™: Hands-...
4	drahmadbazzi	Nice, France	RT @freehipwee1: Machine Learning A-Z™: Hands-...
...
95	drahmadbazzi	Nice, France	RT @byLilyV: #FEATURED #COURSES\n\nMachine Lea...
96	_FunBot	Earth	RT @byLilyV: #FEATURED #COURSES\n\nMachine Lea...
97	byLilyV	Bradford, Yorkshire	#FEATURED #COURSES\n\nMachine Learning A-Z💎: H...
98	hr_wksh	日本	RT @t_kahi: 面白\い\n\n「We compare Gartner 2019 MQ...
99	CoderRetweet	Europe	RT @byLilyV: #FEATURED #COURSES\n\nMachine Lea...
100 rows × 3 columns			

```
tweet_text.to_csv(r'file.txt')
```

