

# Scraping Tweets in python

To scrape tweets from python you need to:

- a. Install tweepy package in jupyter notebook

```
In [1]: 1 !pip install tweepy
```

- b. Setup a twitter developer account and get the - Consumer API key, Consumer API secret key, Access token and access token keys. **Follow the below steps to create a twitter developer account and get the keys.** These keys will be used in your python code for accessing the tweets

## Steps to Setup up of Twitter Dev Account

1. Login to <https://apps.twitter.com> using your twitter account. Once you login you will get a screen as shown below. Click on Create an app



2. On clicking Create an App, you will get a screen as shown below,

## App details

The following app details will be visible to app users and are required to generate the API keys needed to authenticate Twitter developer products.

### App name (required) ⓘ

Maximum characters: **32**

### Application description (required)

Share a description of your app. This description will be visible to users so this is a good place to tell them what your app does.

Please be detailed.

ⓘ **Required**

Between 10 and 200 characters

3. Give Any Name to the App with min 32 characters and provide the app description with min 10 to a max of 200 characters.

Apps > Create an app

Understanding apps

- What is an app?
- Why register an app?
- Which products require an API key?

### App details

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**App name (required)** ⓘ

Maximum characters: **32**

**Application description (required)**

Share a description of your app. This description will be visible to users so this is a good place to tell them what your app does.

This is used to learn about text analytics as a part of my course

Maximum characters: **200**

4. Enter Any Name for the website URL. This is just for a formality. You can just say “yourname.in”. you can leave the non-mandatory fields blank

**Website URL** (required) ⓘ

https://raghu.in

**Allow this application to be used to sign in with Twitter** [Learn more](#)

☐ **Enable Sign in with Twitter**

**Callback URLs** ⓘ

OAuth 1.0a applications should specify their oauth\_callback URL on the request token step, which must match the URLs provided here. To restrict your application from using callbacks, leave these blank.

https:// or scheme://



[+ Add another](#)

**Terms of Service URL** ⓘ

https://

**Privacy policy URL** ⓘ

https://

**Organization name** ⓘ

5. Mention about how are you going to use the app. you can type anything with a min of 100 characters. Organization website URL is optional, and you can leave it blank. Enter the details and click on create

**Organization website URL**

https://

**Tell us how this app will be used** (required)

This field is only visible to Twitter employees. Help us understand how your app will be used. What will it enable you and your customers to do?

This will be purely used for learning purpose only. I want to learn and explore as how to scrape twitter data

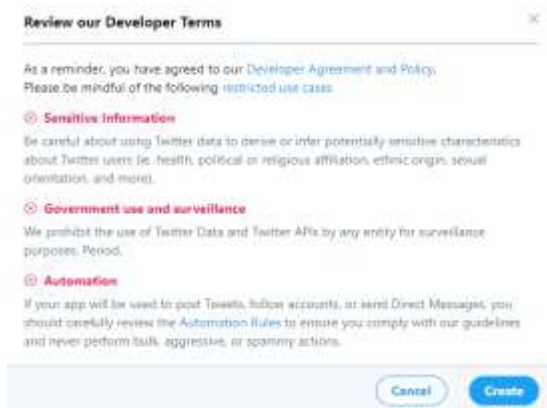
Cancel

Create

ⓘ **Required**

Minimum characters: **100**

6. Click on create again



7. Below screen is the confirmation that your twitter dev account is created

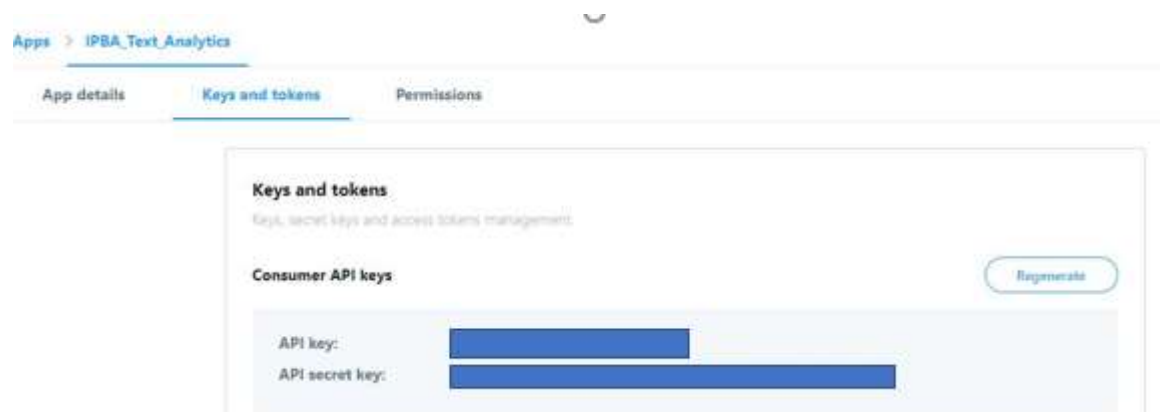


8. You Twitter dev account is ready, to scrape tweets from python you need:

- Consumer API keys both API key and API secret key
- Access token and access token keys

9. To access the keys and tokens ->click on the “keys and tokens” tab.

- Take a note of both the **consumer API keys** (for security purposes it's not displayed in the below screenshot)



- Apps > IPBA\_Text\_Analytics

App details   **Keys and tokens**   Permissions

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### Keys and tokens

Keys, secret keys and access tokens management.

#### Consumer API keys Regenerate

API key:

API secret key:

**Access token & access token secret Generate**

This is where you can create a token to auth into your Twitter account

- ### Keys and tokens

Keys, secret keys and access tokens management.

Consumer API keys

Regenerate

API key:

API secret key:

Access token & access token secret

Revoke

Regenerate

We only show your access token and secret when you first generate it in order to make your account more secure. You can revoke or regenerate them at any time, which will invalidate your existing tokens.

Access token:

Access token secret:

Access level:

Last generated: Jun 25, 2020