Connecting to the Twitter API

Step-by-step guide on how to get your personal Twitter API credentials (April 2020, this procedure may change over time):

1. Make a Twitter account by signing up at twitter.com (if you don’t have an account yet).
2. Go to <https://developer.twitter.com/en/apps> and click ‘Create an app’. This should give a message that you need to apply for a developer account. Click Apply. Now you will need to verify your account by adding your phone number.

* Click ‘I am requesting access for my own personal use’. Fill in your account name and country = Belgium.
* Use cases -> click ‘Student project / Learning to code’.
* Describe in your own words what you are building -> please convert this in your own words! (for spam/robot issues). The following can serve as a guideline:

1. The reason why we want to use Twitter’s API is to apply some basic machine learning tasks for a student project, namely we want to predict something about the ongoing COVID pandemic and Tweeting behavior throughout this period.
2. We plan to analyze Twitter data, by looking at Tweets related to the outbreak, and applying basic machine learning models to that data to make aggregations, visualizations, predictions, analyses, ...
3. Our use case does not involve Tweeting, Retweeting or liking content.
4. Our use case does involve displaying Tweets or aggregate data about Twitter content outside of Twitter. No individual tweets or Twitter content will be displayed. We will only show aggregated information to the user.
5. Our use case will not make Twitter content available to a government entry.

* Agree to the Terms of Service and verify the application by giving your email address.

Now your application is under review, and it might take a day or so for the developer account to be verified. When the account is verified, again go to <https://developer.twitter.com/en/apps> and click ‘Create an app’. Fill in the details, app name can be chosen freely and for the app description you can use something like described in 1. and 2.

##### Now the application is created. Go to ‘Keys and Tokens’ tab and select ‘Create Access token & access token secret’. You will need both the 2 API keys and the 2 Tokens to connect to the Twitter API.