For this API, we first need to generate credentials online. Then we will save them in a local json file - it's important to never save and upload credentials in your jupyter notebook! Instead, we will save them in a local credentials file, which we never will upload to your online repo.

That’s the way to do it:

1. Create an git ignore file in the folder in which you would like to have it:

* Go to terminal
* cd + wished folder
* ***touch .gitignore***

1. Open the created file, which might be hidden, with an text editor tool and write in the name oft he json file, which we will create afterwords. For example: twitter\_credentials.json and save it
2. Upload this file to GitHub by running from folder containing the file

***git add .gitignore***

***git commit -am "gitignore file"***

***git push***

1. Go back to Jupiter Notebook which you are currently working on, where we create an dictonary with our credentials and afterwards an json file with the name: “twitter\_credentials.json”. This file will than create the credentials and wont be uploaded

***import json  
cred = {}***

***cred['API\_KEY'] = API\_KEY***

***cred['API\_SECRET'] = API\_SECRET***

***cred['ACCESS\_TOKEN'] = ACCESS\_TOKEN***

***cred['ACCESS\_TOKEN\_SECRET'] = ACCESS\_TOKEN\_SECRET***

***with open ('twitter\_credentials.json', 'w') as outfile:***

***json.dump(cred, outfile)***

**! Replace the value with your own ones**

1. Let this run and than delete the query again.
2. Upload to Github from main folder

***git add .***

***git commit -m "xy"***

***git push***

1. Now whenever you want to get access to your credentials again in a Jupyter Notebook just run:

***with open('twitter\_credentials.json', 'r') as infile:***

***credentials = json.loads(infile.read())***  
**! Json just conveniend bc of key/value structrue – not necessary!**