

Activation d'un compte développeur Twitter + Création d'une application
Achraf Lassoued
University Paris II
achraflassoued985@gmail.com

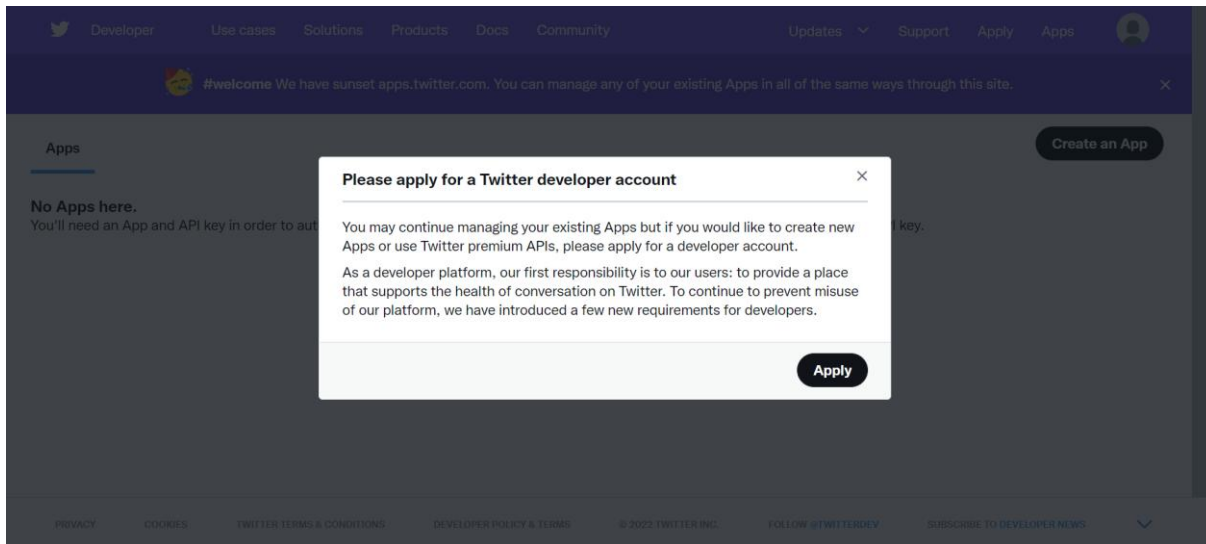
Abstract

Pour pouvoir utiliser les programmes qui se trouvent dans le serveur google colab et récupérer des données Twitter, il faut :

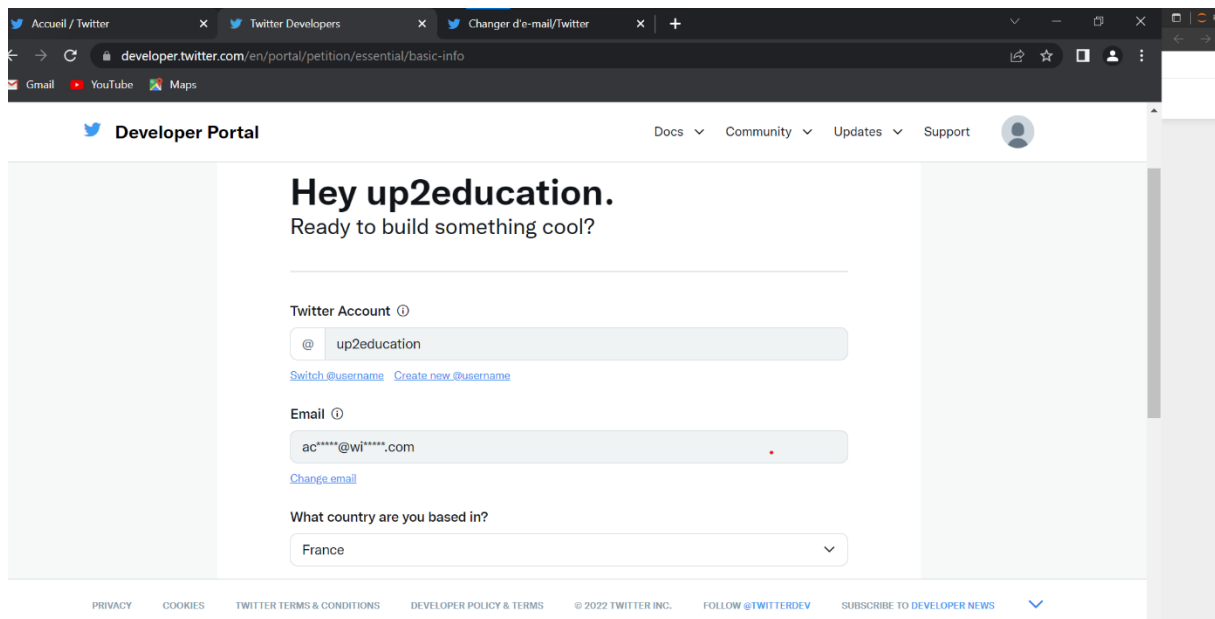
- Un compte Twitter si ce n'est pas le cas, créez-en un,
- Validez le compte d'développeur via le lien suivant <http://apps.twitter.com>,
- Créer votre application via le lien suivant <http://apps.twitter.com>.
- Pour l'utilisation de gephi vous aurez besoin d'une seule clé : Bearer Token
- Pour l'utilisation du programme python, vous aurez besoin des quatre clés

1. Compte développeur :

Tout d'abord, quand vous vous connectez via Twitter et que vous cliquez sur le lien : <http://apps.twitter.com>, vous allez voir le message suivant :

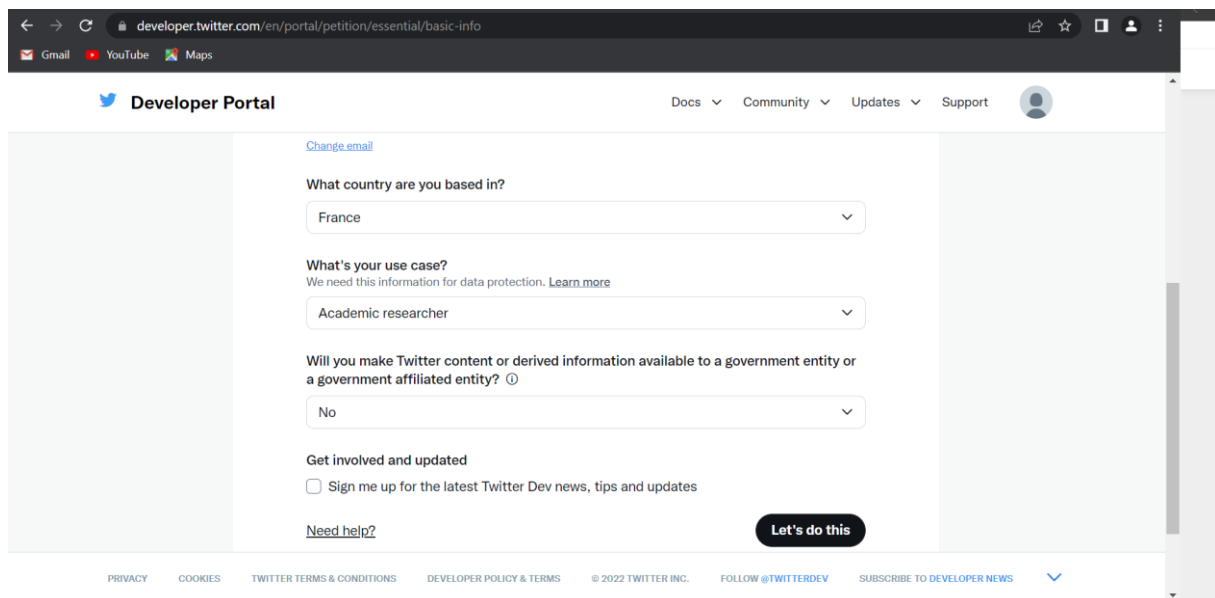


Maintenant, quand vous appuyez sur le bouton "Apply for developer account", vous allez voir la page ci-dessous :

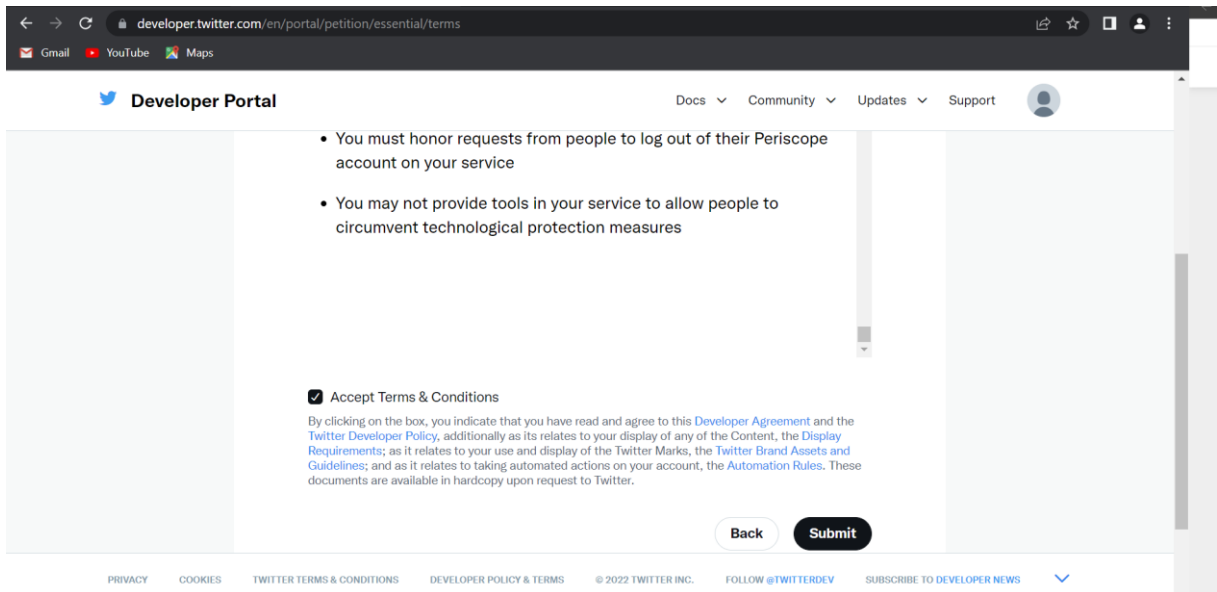


Si vous n'avez pas spécifié votre numéro de téléphone lors de la création de votre compte twitter, il vous est demandé d'en renseigner un pour continuer,

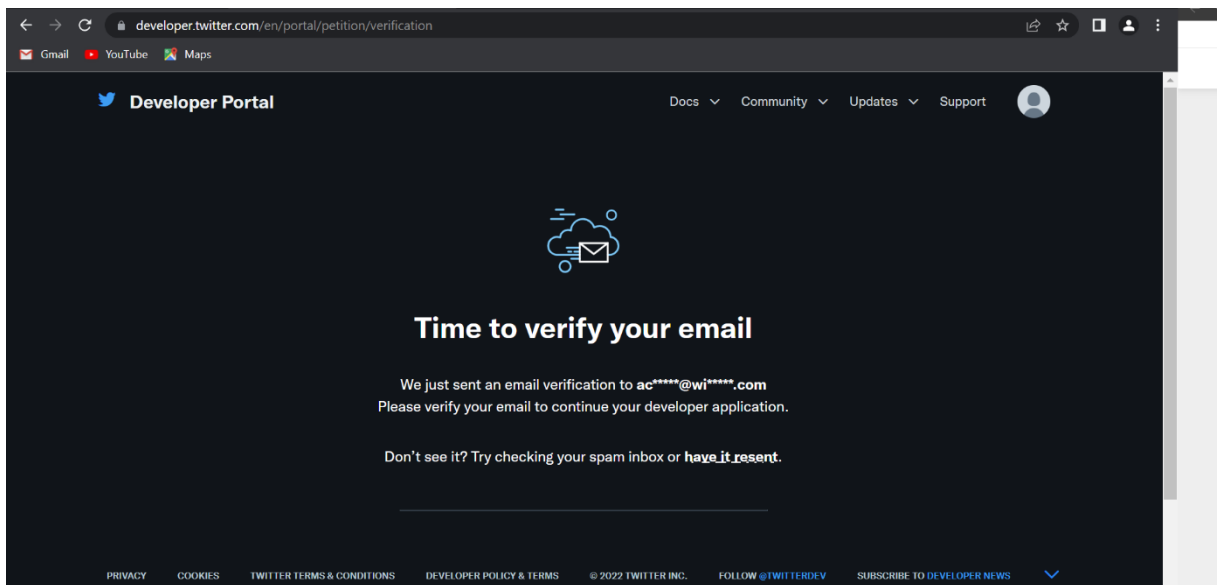
Une fois que vous avez validé votre numéro et le code de vérification, vous aurez une page pour compléter un certain nombre d'informations. Ci-dessous un exemple :



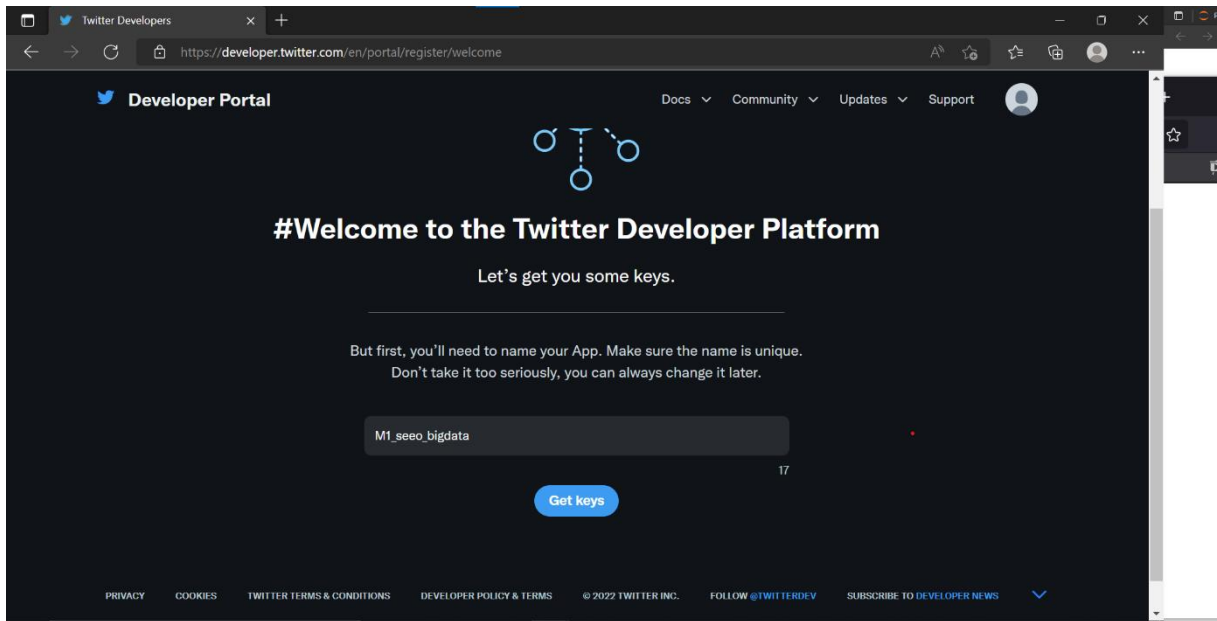
Ensuite vous tombez sur la page suivante, que vous remplissez, en cochant la case "Accept terms & conditions" :



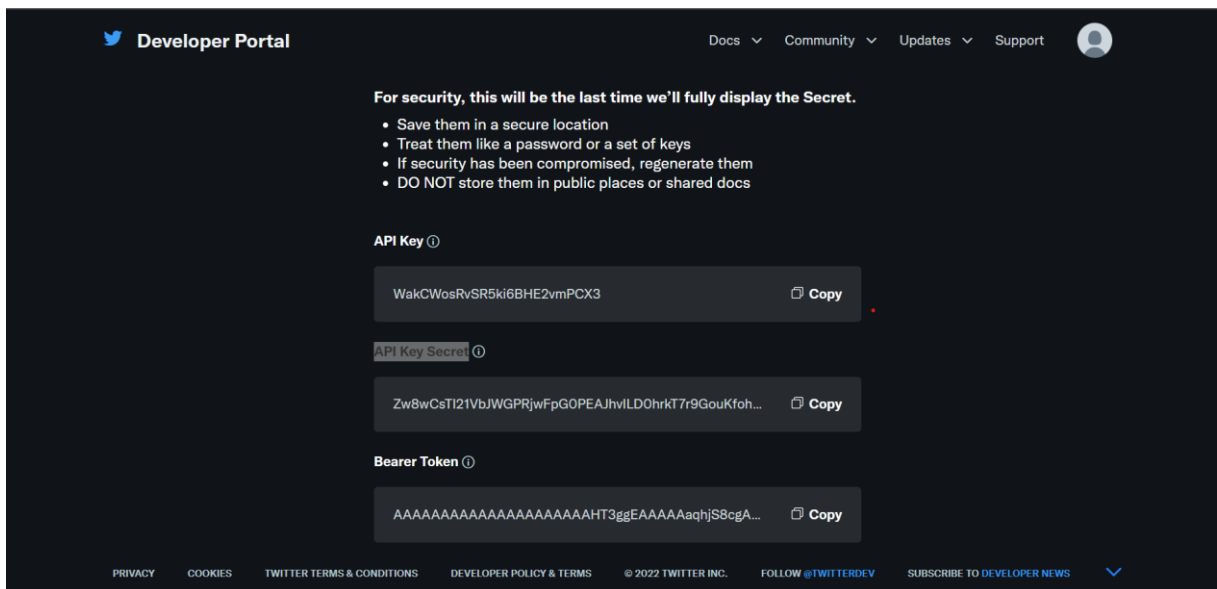
Puis vous recevez un mail de validation :



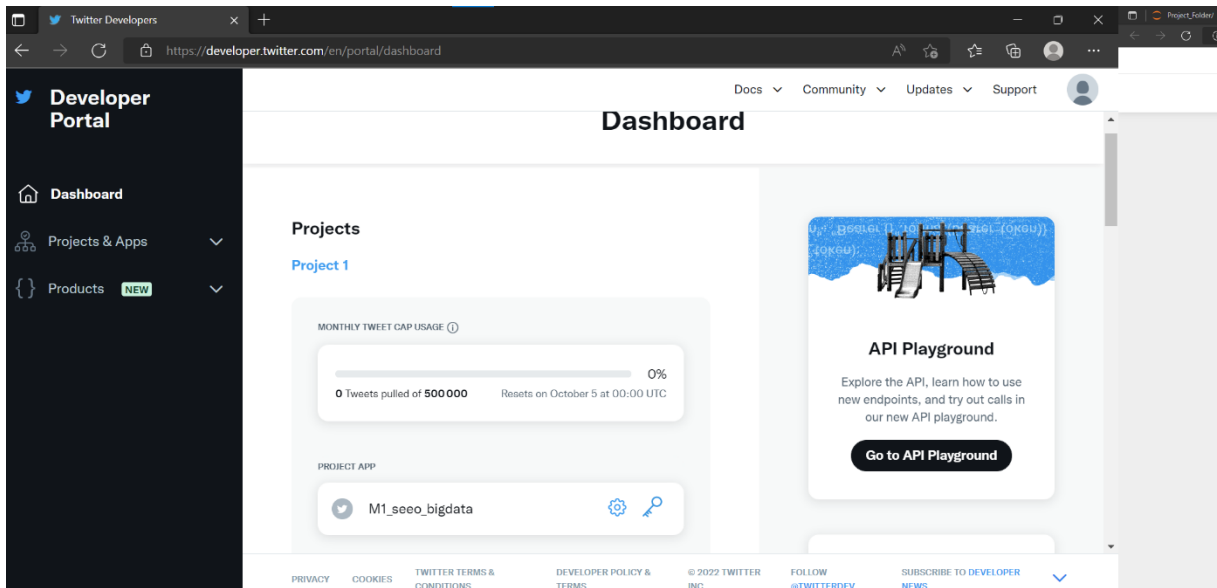
Une fois que vous avez cliqué sur le lien du mail vous serez redirigé sur la page suivante en remplissant un nom de projet par exemple :



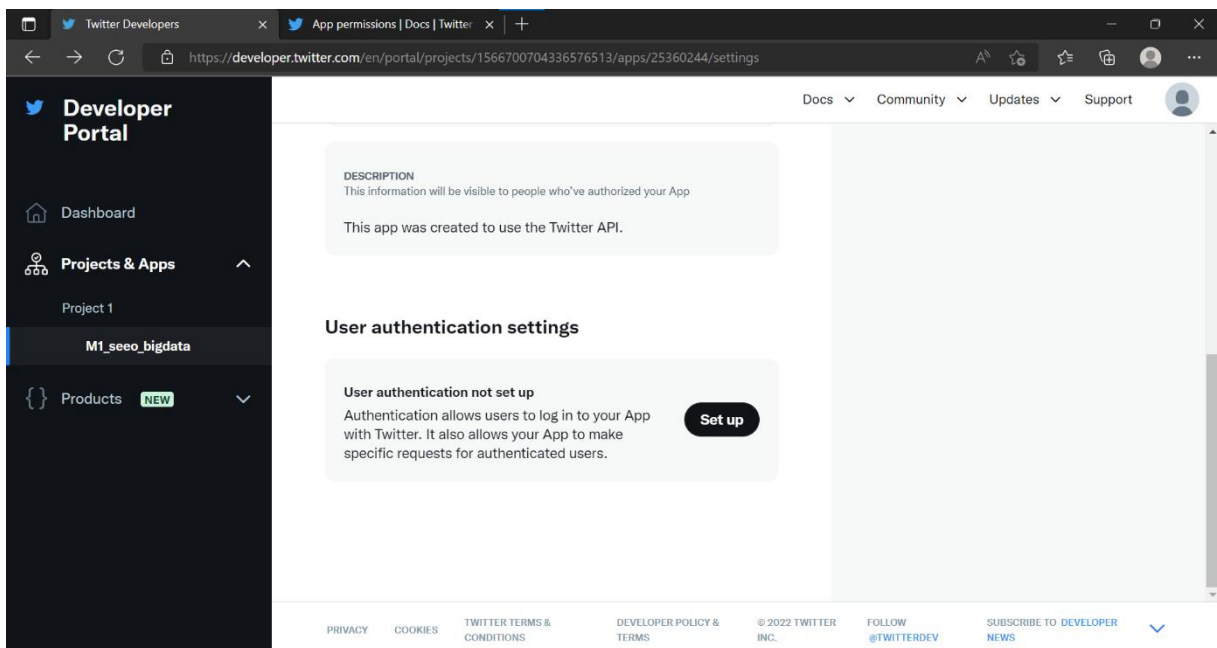
Donc maintenant vous allez obtenir des clés



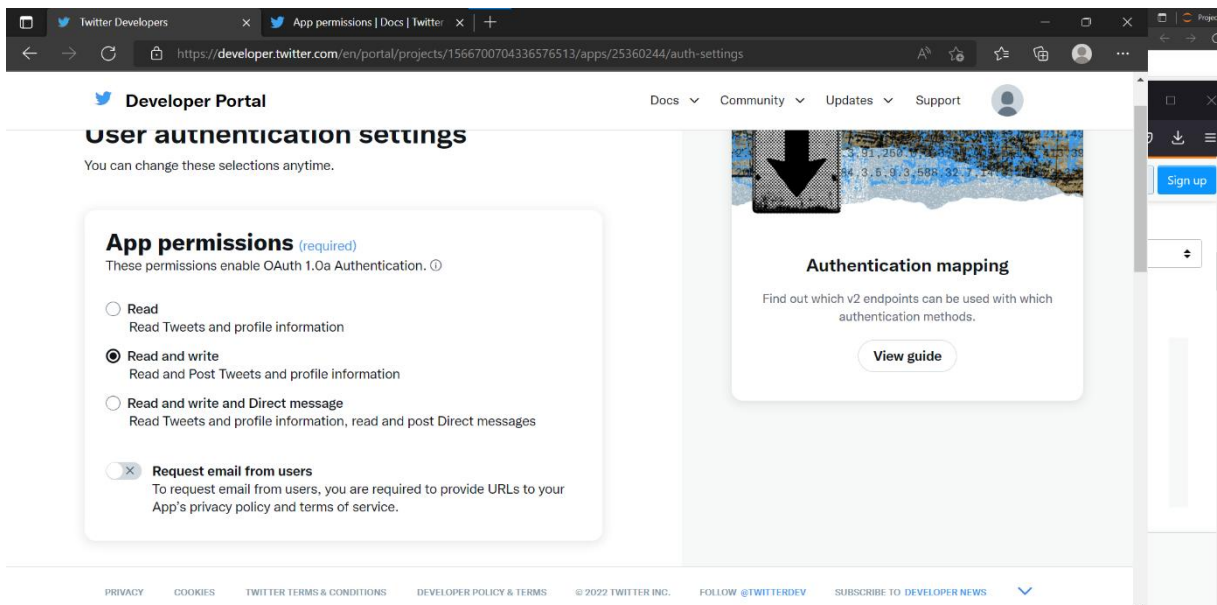
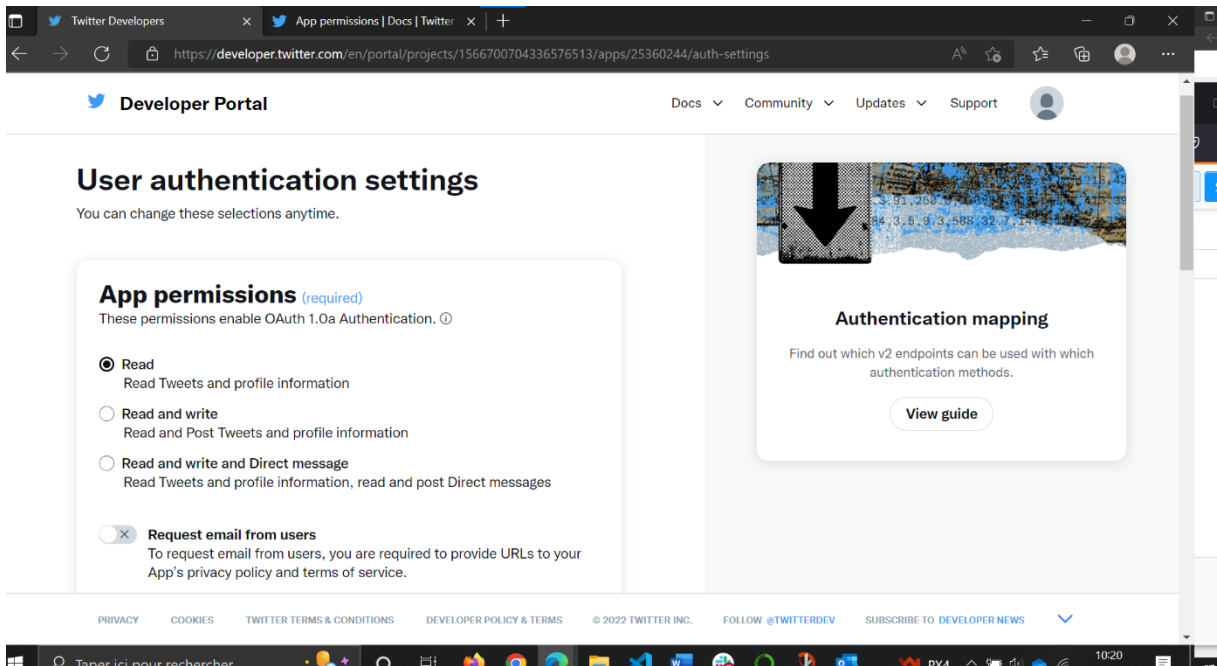
Puis vous cliquez sur dashboard :



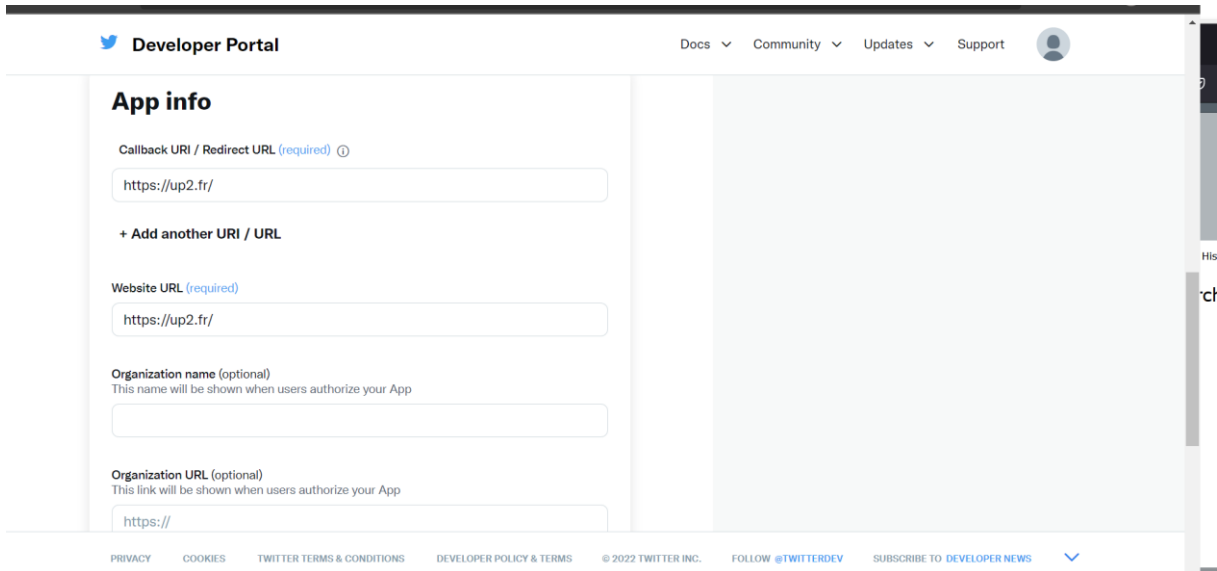
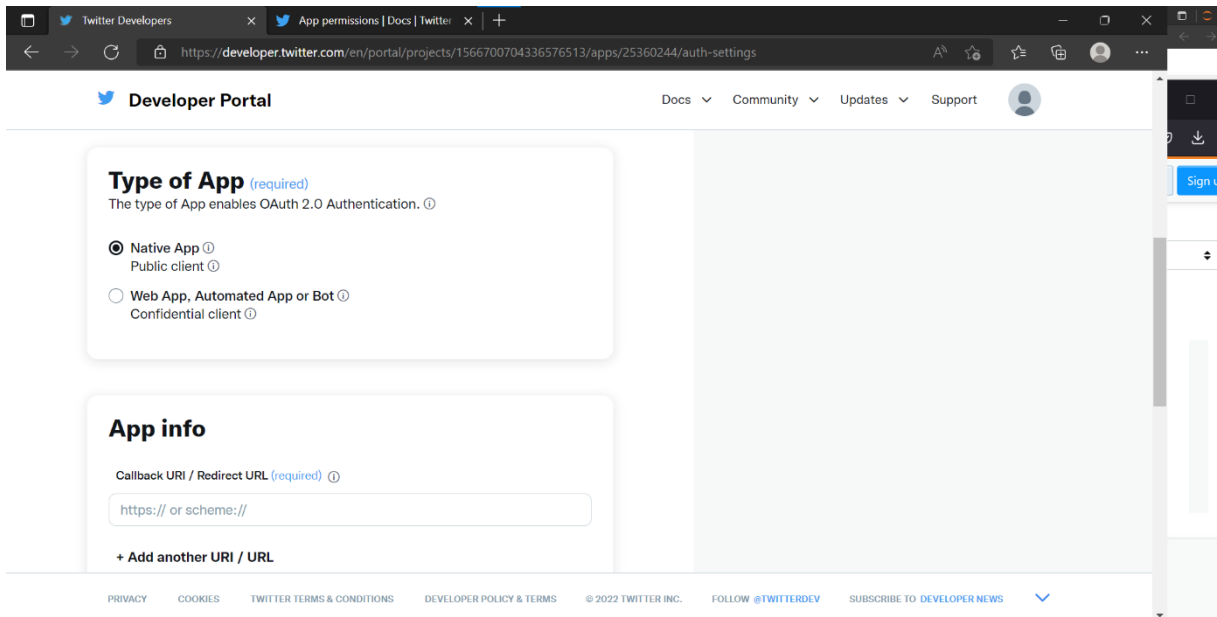
Ensuite sur votre projet on va essayer de changer les permissions en lecture et écriture donc il faut cliquer sur set up :



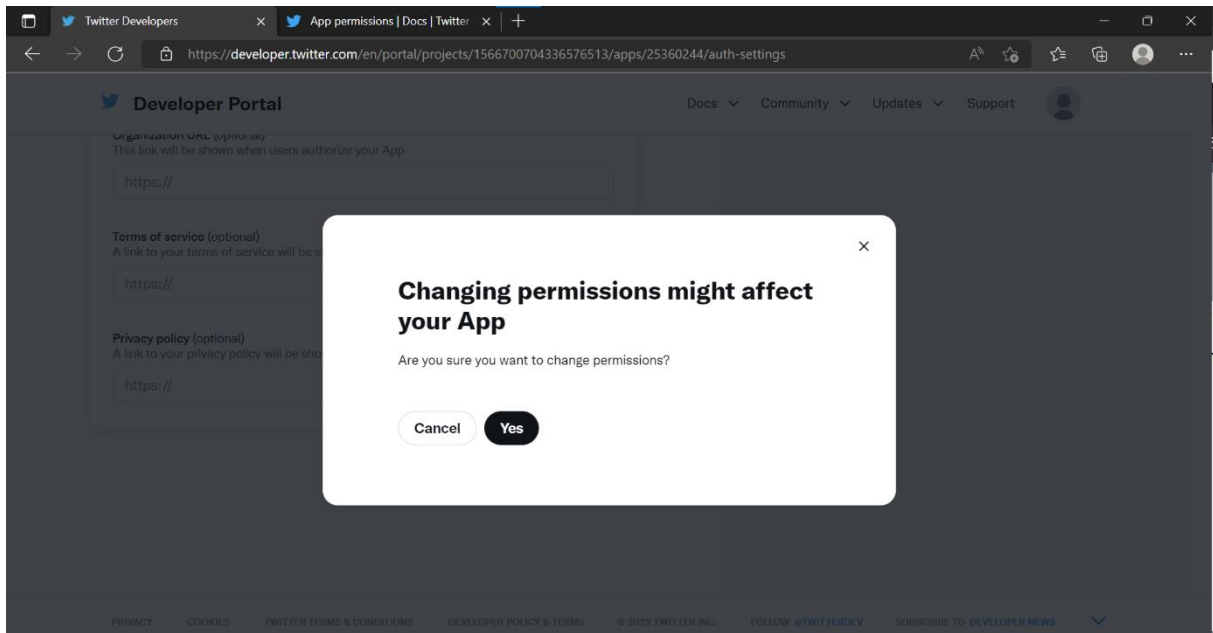
Ensuite changer le « read » en « read and write » comme ci-dessous :



Et puis remplir le formulaire par exemple :

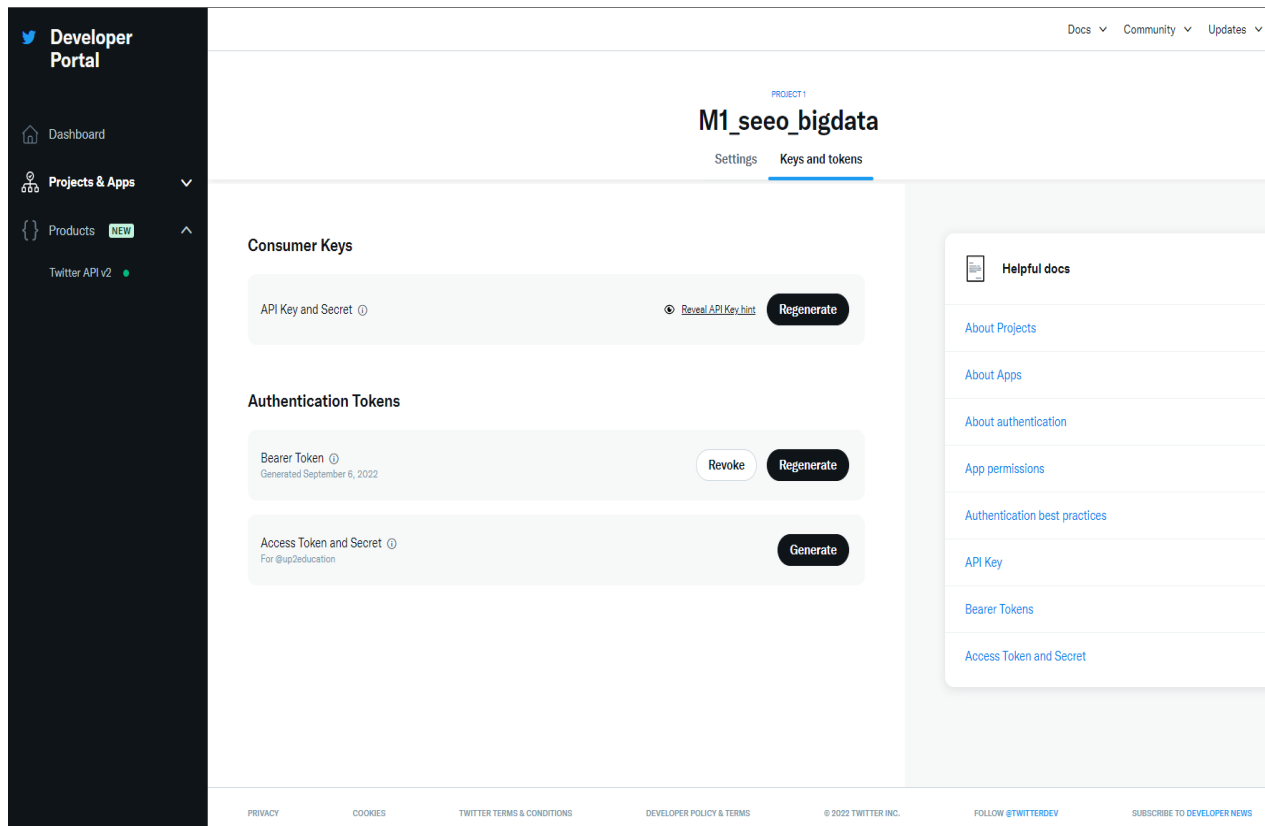


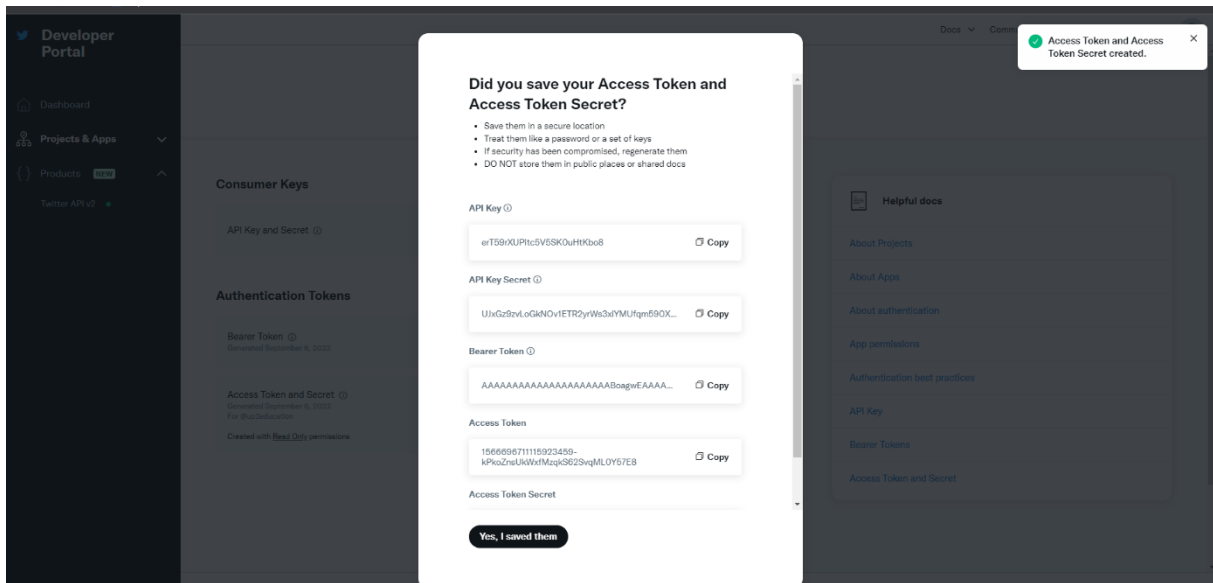
Enfin il faut confirmer les changements :



Pour pouvoir utiliser les programmes python il faut générer deux autres clés, pour cela :

- Faut revenir sur le dashboard, et ensuite cliquer sur l'onglet key and tokens :
- Et puis dans access token and secret cliquez sur Generate



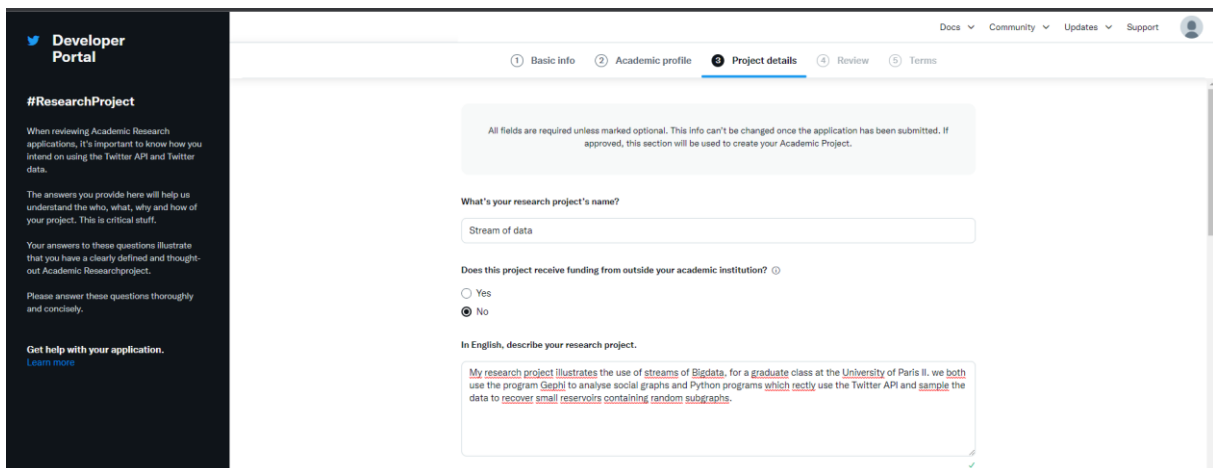


Cette première partie vous permet d'avoir un accès essentiel qui est suffisant pour l'utilisation gephi mais pas pour le programme python, pour cela il faut changer l'accès essentiel en accès academic.

Il faut tout d'abord remplir le formulaire ici :

<https://developer.twitter.com/en/portal/petition/academic/is-it-right-for-you>

Ci-dessous un exemple de formulaire rempli :



Developer Portal

#ResearchProject

When reviewing Academic Research applications, it's important to know how you intend on using the Twitter API and Twitter data.

The answers you provide here will help us understand the who, what, why and how of your project. This is critical stuff.

Your answers to these questions illustrate that you have a clearly defined and thought-out Academic Researchproject.

Please answer these questions thoroughly and concisely.

Get help with your application. [Learn more](#)

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In English, describe how Twitter data and/or Twitter APIs will be used in your research project.

My research project illustrates the use of streams of Bigdata, for a graduate class at the University of Paris II. we both use the program Gephi to analyse social graphs and Python programs which rectly use the Twitter API and sample the data to recover small reservoirs containing random subgraphs.

Will your research present Twitter data individually or in aggregate?
Think of it as presenting individual Tweets vs. aggregate statistics or models.

Aggregate

In English, describe your methodology for analyzing Twitter data, Tweets, and/or Twitter users.

the data are used as aggregates to capture dynamic trends. the basic methodology is the Reservoir sampling with uniform or biased distributions. We obtain random subgraphs and study the variations of the Giant components.

In English, describe how you will share the outcomes of your research (include tools, data, and/or resources).

Back Next

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In English, describe how you will share the outcomes of your research (include tools, data, and/or resources).

the results of the projects of the graduate class appear on the web site of the class:
<https://lup2.fr/index.php?n=Main.MBD>

Will your analysis make Twitter content or derived information available to a government entity? 🇺🇸

Yes
 No

List all government entities you intend to provide Twitter content or derived information to under this use case.
(required if prior question yes)

University Paris 2

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developer.twitter.com/en/portal/petition/academic-review

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USE CASE
Doing academic research

EMAIL ADDRESS
ac****@w****.com

CURRENT CODING SKILL
Highly experienced

@USERNAME
@up2education

WHAT COUNTRY DO YOU LIVE IN?
France

RECEIVE UPDATES ABOUT TWITTER API
No

Academic profile Edit

Project details Edit

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Developer Portal

#Read&Accept

We've carefully crafted our developer terms to make it readable and accessible. Our aim is to have a healthy and open platform for all.

Once you've read it and agreed, check the box below the agreement and then hit the submit application button on the bottom right.

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Developer agreement & policy

If approved, your usage of the Twitter API is limited to the use case provided in your application.

Services.

E. Data Protection Addendum. Twitter International Company ("TIC"), an Irish registered company, controls some of the Twitter Content, as set forth in the Twitter Privacy Policy, and has authorized Twitter to license such Twitter Content under this Agreement (such Twitter Content is "Twitter European Data"). To the extent that you receive Twitter European Data, you agree that in addition to this Agreement, the Twitter Controller-to-Controller Data Protection Addendum located at <https://gdpr.twitter.com/en/controller-to-controller-transfers.html> shall apply to Twitter European Data and is hereby incorporated by reference.

F. Governing Law: Dispute Resolution. This Agreement will be governed by and construed in accordance with the laws of the State of California without regard to or application of conflicts of law rules or principles. Any dispute, claim or

By clicking on the box, you indicate that you have read and agree to this Developer Agreement and the Twitter Developer Policy, additionally as it relates to your display of any of the Content, the Display Requirements, as it relates to your use and display of the Twitter Marks, the Twitter Brand Assets and Guidelines, and as it relates to taking automated actions on your account, the Automation Rules. These documents are available in heretofore-upon request to Twitter.

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