

Projeto 1 - Conta *developer* no Twitter

Este documento detalha os passos para se criar uma conta de desenvolvedor, um app cadastrado e obter API Keys e Tokens que serão necessários para fazer o Projeto 1.

Conta no Twitter

Primeiramente, crie uma conta no *Twitter*. Depois siga os passos a seguir para criar uma conta *Developer*.

Conta developer

Depois, peça para ter acesso de desenvolvedor ao Twitter, o que pode ser feito na URL abaixo: <https://developer.twitter.com/en/apply-for-access> e clicando na opção **Apply for a Developer Account**

Get started with Twitter APIs and tools

Apply for access

All new developers must apply for a developer account to access the Twitter developer platform. Once approved, you can begin to use our new Twitter API v2, or our v1.1 standard and premium APIs.

Apply for a developer account

Restricted use cases >


Figura 1 - requisitando acesso developer


Versão Student


Em seguida, informe ao Twitter que você pretende usar a plataforma como estudante. Nesse caso,


- ✓ clique em **Academic**
- ✓ ampliando opção, em seguida, marque **Student**
- ✓ ampliando opção, em seguida, clique em **Get started**


Which best describes you?
This is how you intend to use the Twitter developer platform



Professional



Hobbyist


Academic


Academic researcher


Teacher


Student


Something else (But related to academics)

Standard application
Submit a standard application for access to the Twitter developer platform.

Get started

Figura 2 - Opção conta *Student*

Confirmação de dados e telefone

Uma conta desenvolvedor vai exigir um número de telefone válido. Se você ainda não associou sua conta a um telefone, vai precisar fazê-lo agora.

Ao clicar em **Add a valid phone number**, uma nova aba no seu navegador irá se abrir.

The screenshot shows the Twitter Developer account verification process. It includes sections for: 1. Username verification: A profile card for 'kelly_vene' (@kelly_vene) with a 'Switch @username' link. A message states: 'This @username will be used to log in to your account. The phone number associated with this Twitter @username is not verified. You must add a valid phone number and verify it prior to applying for developer access.' Below this is a blue button labeled 'Add a valid phone number'. 2. Email verification: A card for 'mkellyv@yahoo.com' with a 'Change email address' link. A message states: 'Important messages will be sent to this email address. This email is associated with your @username.' 3. Account type: A card for 'Individual developer account' with a 'Switch to team developer account' link. A message states: 'You are signing up for an individual developer account.' 4. Personal information form: A section with four fields: 'What would you like us to call you?' (text input, note: 'You cannot edit this once you submit the application'), 'What country do you live in?' (dropdown menu, 'Select one'), 'What's your current coding skill level?' (dropdown menu, 'Select one'), and 'Get the latest Twitter API news? (optional)' (checkbox, 'Yes, send updates.'). At the bottom right are 'Back' and 'Next' buttons.

Depois de inserir seu número de telefone, deverá receber uma mensagem de confirmação via SMS contendo um código.

Após validar seu telefone, volte na aba de desenvolvedor do Twitter e dê *refresh* na página se necessário.

Preencha as demais perguntas e clique em **Next** quando essa ficar ativa.

Questionário de intenções

Em seguida vamos fornecer detalhes sobre como pretendemos usar a Twitter API ou Twitter Data. Veja os detalhes a seguir.

All fields are required unless marked optional

How will you use the Twitter API or Twitter Data?

In your words

In English, please describe how you plan to use Twitter data and/or APIs. The more detailed the response, the easier it is to review and approve.

Please be thoughtful and thorough

200

Insira uma descrição esclarecendo suas intenções benígnas. Se estiver sem ideias, use a que sugerimos a seguir:

I need to complete a data science homework assignment about bayesian sentiment classification of tweets.

I need the key to download a few tweets about some topics of my choice. The tweets will be used only for academic purposes.

The specifics

Are you planning to analyze Twitter data?

Are you planning to analyze Twitter data? ☒ Yes

Please describe how you will analyze Twitter data including any analysis of Tweets or Twitter users.

Please be thoughtful and thorough

100

Explique o tipo de análise que fará. Sinta-se à vontade para usar o texto fornecido:

This is a coursework about sentiment classification.

First I'll choose a product or brand, for instance "Apple".

Then I'll download a reasonable amount of tweets using the API Key and the Tweepy Python API.

After those tweets are downloaded, I'll need to classify them by hand into categories, for instance "Happy with Apple" and "Unhappy with Apple"

Using the tweets I classified, I'll be able to then classify new tweets instantly given the conditional probabilities of the words they contain based on the two categories I described above

Will your app use Tweet, Retweet, Like, Follow, or Direct Message functionality?

Do you plan to display Tweets or aggregate data about Twitter content outside Twitter?

Will your product, service, or analysis make Twitter content or derived information available to a government entity?

Todos esses casos, selecione **No**.

Will your app use Tweet, Retweet, Like, Follow, or Direct Message functionality? ☒ No

Do you plan to display Tweets or aggregate data about Twitter content outside Twitter? ☒ No

Will your product, service, or analysis make Twitter content or derived information available to a government entity? ☒ No

In general, schools, college, and universities do not fall under this category

[Back](#) [Next](#)

Após preenchido, clique em **Next** quando essa ficar ativa.

Em Review, clique em **Next** se estiver de acordo.

Terms

Basic info > Intended use > Review > **Terms**

Developer agreement & policy

Developer Agreement

Effective: March 10, 2020

This Twitter Developer Agreement ("**Agreement**") is made between you (either an individual or an entity, referred to herein as "**you**") and Twitter (as defined below) and governs your access to and use of the Licensed Material (as defined below). Your use of Twitter's websites, SMS, APIs, email notifications, applications, buttons, embeds, ads, and our other covered services is governed by our general Terms of Service and Privacy Policy.

PLEASE READ THE TERMS AND CONDITIONS OF THIS

☒ 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 hardcopy upon request to Twitter.

[Back](#) [Submit application](#)

Clique para concordar com as políticas de desenvolver e, por fim, clique em **Submit application**.

Depois você precisa encontrar o e-mail de confirmação que foi enviado a você.

Procure em sua caixa postal uma mensagem parecida com a abaixo e clique **Confirm Your Email**:

Após confirmar sua conta de desenvolvedor, crie um app

Inicie visitando a URL: <https://developer.twitter.com/en/portal/dashboard> e selecionando a opção **Create Project**.



Create a Project to use Early Access v2 endpoints.

+ Create Project

Figura 3 - Tela de criação de um Projeto

Você vai precisar preencher alguns campos:

STEP 1

Dê o nome que julgar conveniente.



Name your Project

Your Project helps you organize your work and monitor your usage with the Twitter API.

80

[Next](#)

STEP 2

Selecione *Student*.



Which best describes you?

Below you will find options on how you intend to use the Twitter Developer Platform.

[Next](#)[Back](#)

GETTING CLOSE

Digite: “Downloads tweets related to a specific subject so that we can run an off-site bayesian sentiment analysis classification.”



Describe your new Project

This info is just for us, here at Twitter. It'll help us create better developer experiences down the road.

Project description

Next

Back

ALMOST DONE!

Na seta, escolha o nome do App disponível e clique em **Complete**, quando ficar habilitado.



Add your App

Pick which App you'd like to add to your Project.

[Create a new App instead.](#)

Choose App

Complete

Back

PROJECT HAS BEEN CREATED

Clique em [No thanks, go to dashboard.](#)



**Your Project, Cdados2021 has been created
with your App, Kelly Vene**

You can adjust settings such as [enable 3rd party authentication](#), [get user tokens](#), and more in the App settings page.

[App settings](#)

[No thanks, go to dashboard](#)

Gerar códigos de acesso

Projects

Cdados2021 >


MONTHLY TWEET CAP USAGE ⓘ



0 Tweets pulled of 500.000

0%


Resets on April 10 at 00:00 UTC

PROJECT APP

 Kelly Vene

Z

Clique no símbolo  para gerar o *access token* e o *access token secret*

Consumer Keys ⓘ

API key & secret

Regenerate

Authentication Tokens ⓘ

Bearer token

Generated March 10, 2021

Regenerate

Revoke

Access token & secret

Generated March 10, 2021

For @kelly_vene

Created with Read and Write permissions

Regenerate

Revoke

Clique em **Regenerate** em **Consumer Keys** e copie o arquivo `auth.pass`.

Clique em **Regenerate** em **Access token & secret** e copie o arquivo `auth.pass`.

Anote todos os valores e coloque no arquivo `auth.pass`

JAMAIS compartilhe estes dados no Github, inclua o `auth.pass` no arquivo `.gitignore`

Pronto! Você deve ser capaz de executar o Jupyter Notebook fornecido