

NATURAL LANGUAGE PROCESSING

المعالجة اللغوية الطبيعية



المحتويات

				التطبيقات	العقبات و التحديات	تاريخ NLP	ما هو NLP	المحتويات	1) مقدمة
					البحث في النصوص	ملفات pdf	الملفات النصية	المكتبات	2) أساسيات NLP
T.Visualization	Syntactic Struc.	Matchers	Stopwords	NER	Stem & Lemm	POS	Sent. Segm.	Tokenization	3) أدوات NLP
	Dist. Similarity	Text Similarity	TF-IDF	BOW	Word2Vec	T. Vectors	Word embed	Word Meaning	4) المعالجة البسيطة
T. Generation	L. Modeling	NGrams	Lexicons	GloVe	NMF	LDA	T. Clustering	T. Classification	5) المعالجة المتقدمة
	Summarization & Snippets		Ans. Questions		Auto Correct	Vader	Naïve Bayes	Sent. Analysis	
Search Engine	Relative Extraction		Information Retrieval		Information Extraction		Data Scraping	Tweet Collecting	6) تجميع البيانات
					Rec NN\TNN	GRU	LSTM	Seq to Seq	7) RNN
Chat Bot	Gensim	FastText	Bert	Transformer	Attention Model	T. Forcing	CNN	Word Cloud	8) تكتيكات حديثة

القسم السادس : تجميع البيانات

Tweet Collecting : الجزء الأول

تحميل التغريدات أضحت جزءا لا يمكن الاستغناء عنه في التعامل مع NLP, لاستخداماتها العديدة مثل :

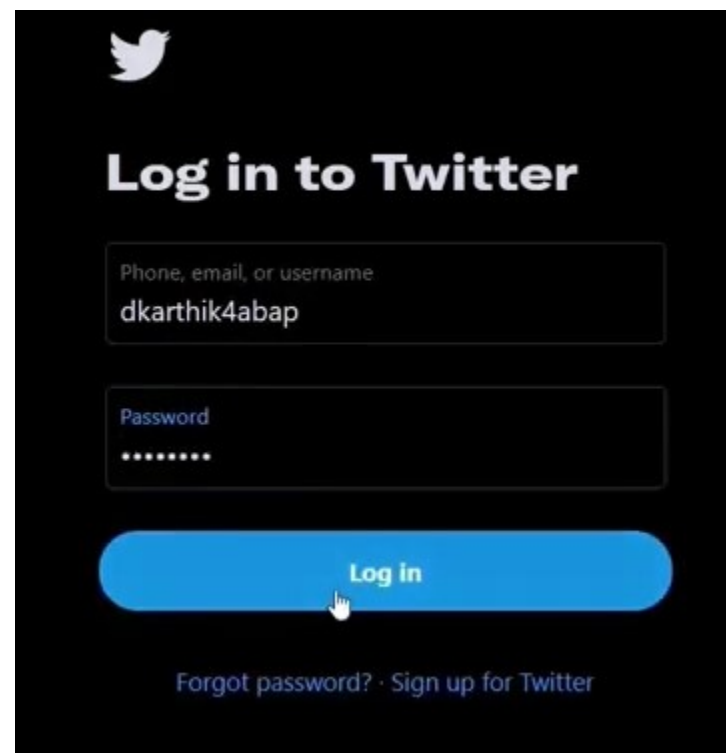
- تحليل المشاعر
- قياس اتجاهات الرأي العام
- تحميل نصوص من جميع الأنواع

* * * * *

الخطوة الأولى : تكوين Twitter API :

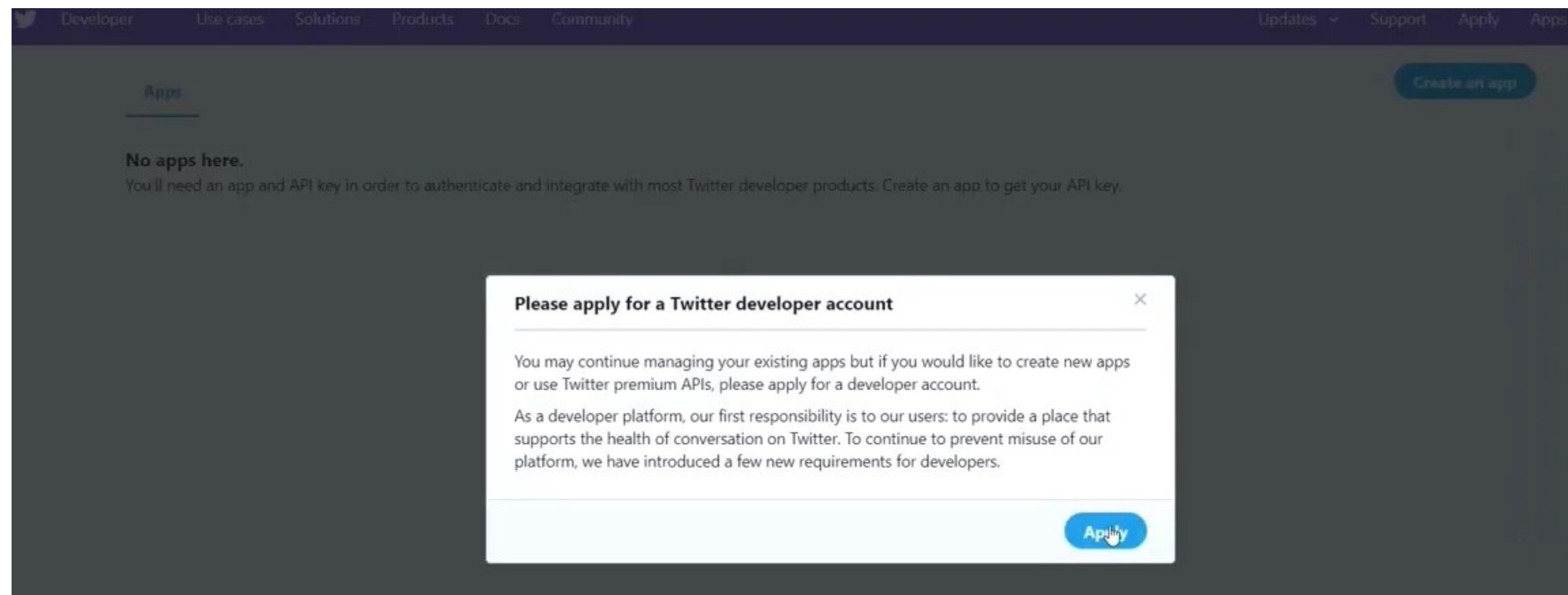
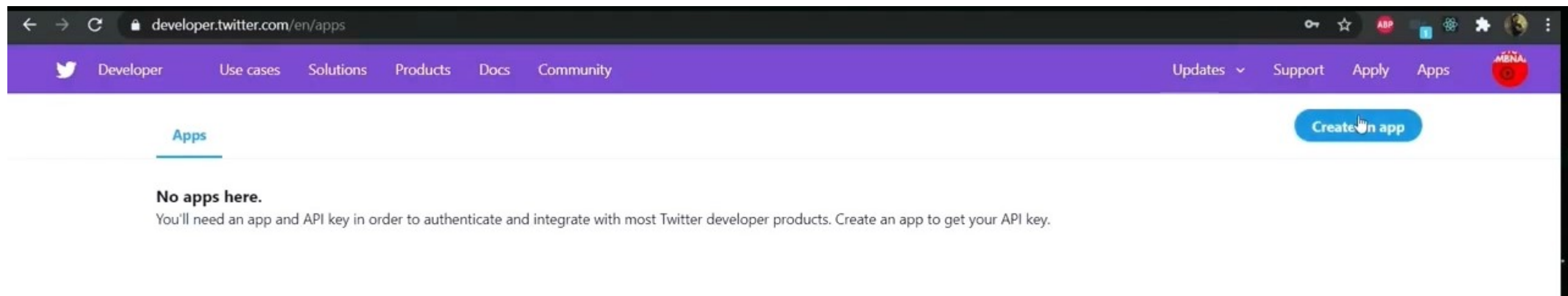
تعد واجهة برمجة التطبيقات Application Programming Interface من أهم الأدوات التي يجب أن يتعامل معها أي مبرمج , وهي ببساطة : بوابة التواصل بين المبرمج و بين الموقع او المنصة التي يتعامل معها

و يقوم موقع تويتر خدمة عمل API لتحميل التغريدات , وهي تحتاج الي خطوات كالتالي :



ثم الدخول علي موقع :

<https://developer.twitter.com/en>



Developer Portal

#UseCases

First things first, let's get you the right application.

Pick the use case that most closely relates to the type of work you intend to do while using the Twitter developer platform.

There's some overlap between these so focus on the specifics of your main objective.

DocsCommunityUpdatesSupport

ProfessionalHobbyistAcademic

Making a bot

Building tools for Twitter users

Exploring the API

Standard application

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

Get started

This page and certain other Twitter sites place and read third party cookies on your browser that are used for non-essential purposes including targeting of ads. Through these cookies, Google, LinkedIn and Demandbase collect personal data about you for their own purposes. [Learn more](#)

Accept

Decline

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Developer Portal

#TheBasics

To start the application, you'll need to confirm your Twitter @username and the email associated with it. You'll use them to log in to the Developer Platform.

Team accounts

For accounts that need multiple users, create a [team developer account](#) instead.

DocsCommunityUpdatesSupport

Basic info > Intended use > Review > Terms

Switch to team developer account

What would you like us to call you?

Karthik

What country do you live in?

India

What's your current coding skill level?

Some experience

Get the latest Twitter API news? (optional)

☒ Yes, send updates.

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#ImportantStuff

This part of the application helps us make sure that our data will be handled in accordance with Twitter’s Developer Policies.

Our ultimate goal is to keep Twitter a safe and healthy space for public conversation.

What’s not allowed

Some activities (like surveillance) are never allowed on Twitter. Take a look at our restricted uses page. Double-check that your intended use is policy compliant.

Automation guidelines

If you plan on enabling any sort of automated activity on the platform (like a bot), be sure to review our automation rules.

Provide thorough answers

DocsCommunityUpdatesSupport

Basic infoIntended useReviewTerms

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.

I want to explore the twitter API and look at the possibilities of integrating it with other apps. Especially I’m look at possibility to create hooks that can trigger some kind of action in legacy applications based on events on twitte

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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*

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#Review

Before moving forward, take a moment to look over your responses. If everything looks good, you can move on to the next step.

One thing to remember, the email address you provided will be used to contact you about your account.

developer.twitter.com/en/portal/petition/standard/review

Docs Community Updates Support

Basic info > Intended use > Review > Terms

Basic info

USE CASE

Exploring the API

ACCOUNT NAME

Karthik

ACCOUNT TYPE

Individual developer account

TWITTER @HANDLE

@Karthik82167867

EMAIL ADDRESS

dkarthik4abap@gmail.com

WHAT COUNTRY DO YOU LIVE IN?

India

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Waiting for twitter.com...

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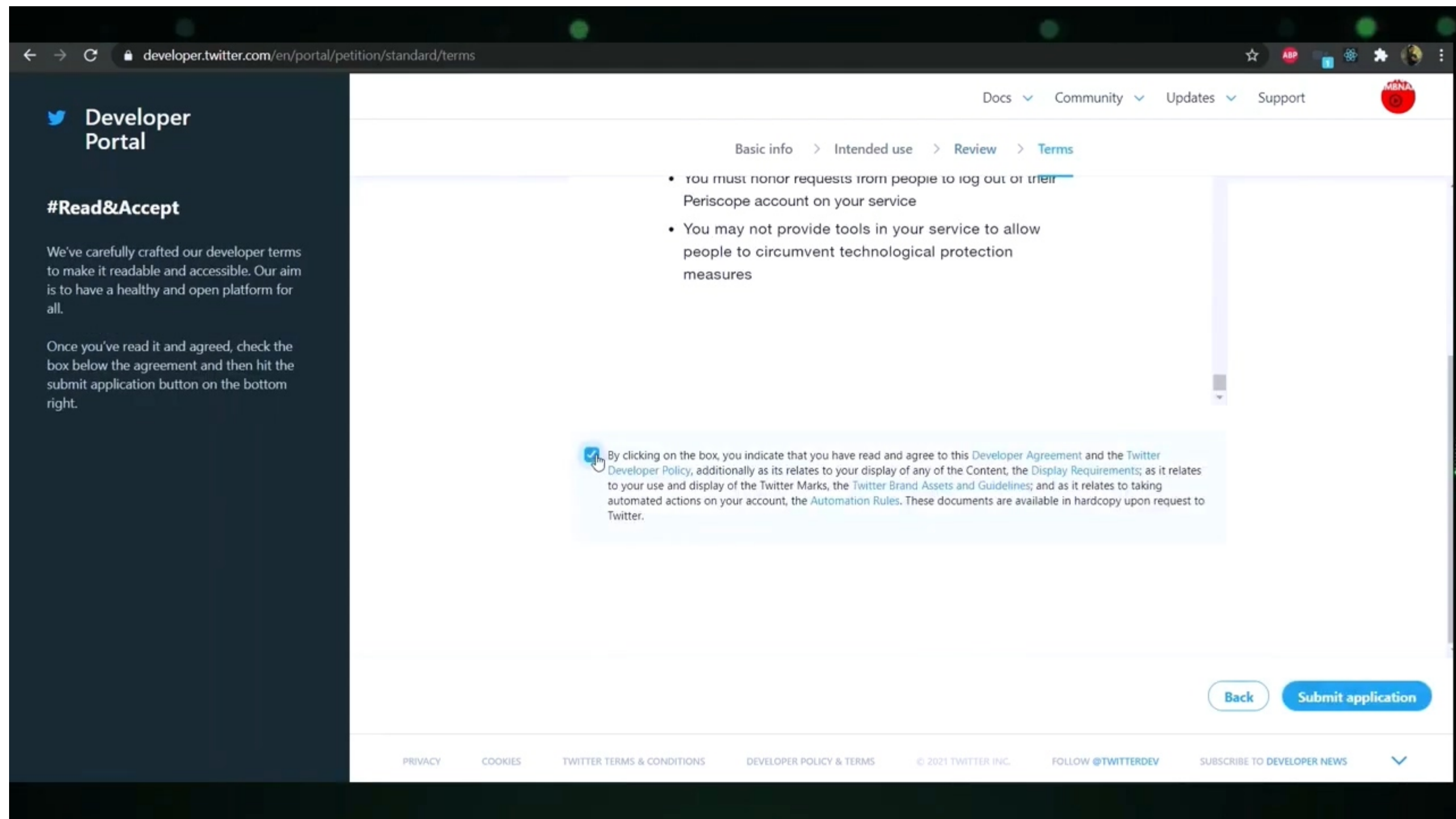
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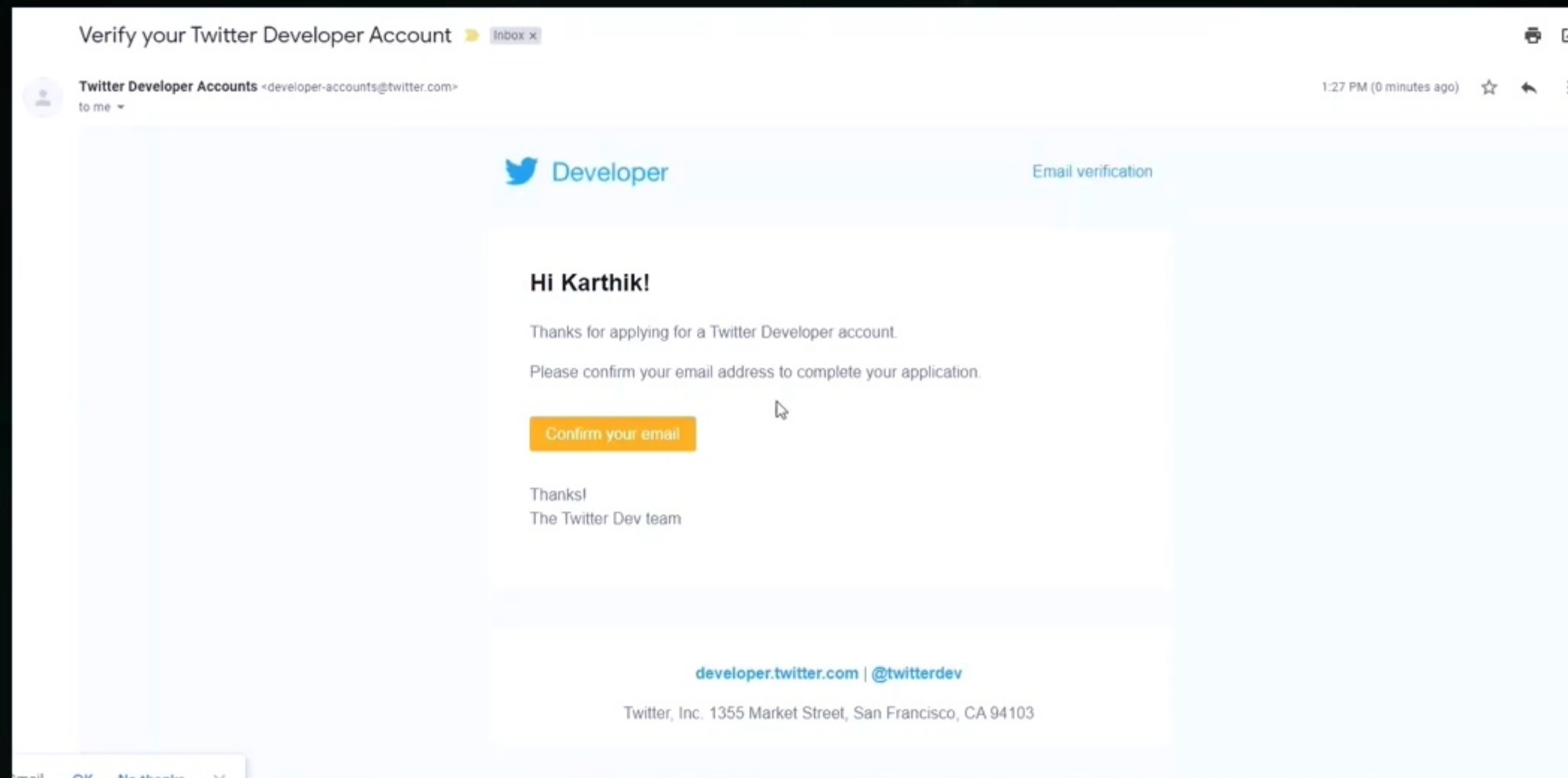
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





Developer Portal

Dashboard

Projects & Apps

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Success! Your email has been verified

Dashboard



Create a Project to use Early Access v2 endpoints.


+ Create Project



Get access to new endpoints!

We're rebuilding the Twitter API and have a new set of Early Access endpoints.

Get access


Helpful docs


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
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Overview

Standard


NO PROJECTS HERE

+ New Project

Standalone Apps


V1.1 ACCESS

Standalone Apps live outside of Projects. This means that they can't use the the most current v2 Twitter API endpoints.

Why Projects?

Only Apps in Projects can access v2 Early Access endpoints. They also help you manage and monitor your work.


Learn more


Resources


What are Apps?

How to use Projects


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STEP 1

Name your Project

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

Project name

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


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STEP 1

STEP 2

Which best describes you?

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

Doing academic research

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
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✓STEP 1

✓STEP 2

GETTING CLOSE

Describe your new Project

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

I want to explore the possibilities of triggering actions in legacy applications using events on twitter

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
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STEP 1

STEP 2

GETTING CLOSE

ALMOST DONE!

Last step, name your App

Apps are where you get your **access keys and tokens** and set permissions. They are encompassed within your Projects.

ChilliDosa

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Complete

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Your changes have been saved!
Success! The changes you've made are now live.

For security, this will be the last time we'll display these. If something happens, you can always regenerate them.

API Key

s5ZyuPbGDWjHRkqHZh9pHJThK

API Secret Key

iYaPpkB79titdVBmojs2KPMGf55wljPvpgvvz3JWVadCUQbibd

Bearer Token

AAAAAAAAAAAAAAAAAAAAJOcPwEAAAAA1w1NE5OgdSwbCVQXt5QHKT9hwAs%3Dx
OPSjsbHWkiMw8qUqs6cMLDPRneao6WtfcCdy7vQLnHOWe5Z3Q

Next, setup your App.

Your App settings page will allow you to enable 3rd party authentication, get user tokens and more.

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Demo

MONTHLY TWEET CAP USAGE


0 Tweets pulled of 500,000

0%Resets on June 22 at 00:00 UTC

PROJECT APP

ChilliDosa

Keys and tokens

New endpoints!

We're rebuilding the Twitter API and have a new set of Early Access endpoints.

View endpoints

Helpful docs

Docs homepage

API reference index

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How to use Projects

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https://developer.twitter.com/en/portal/projects/1396013644840767494/apps/20946067/keys

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Consumer Keys ⓘ

API Key and SecretRegenerate

Authentication Tokens ⓘ

Bearer Token
Generated May 22, 2021RegenerateRevoke

Access Token and Secret
For @Karthik82167867Generate

Helpful docs

How to use projects

App permissions

Authentication overview

Authentication best practices

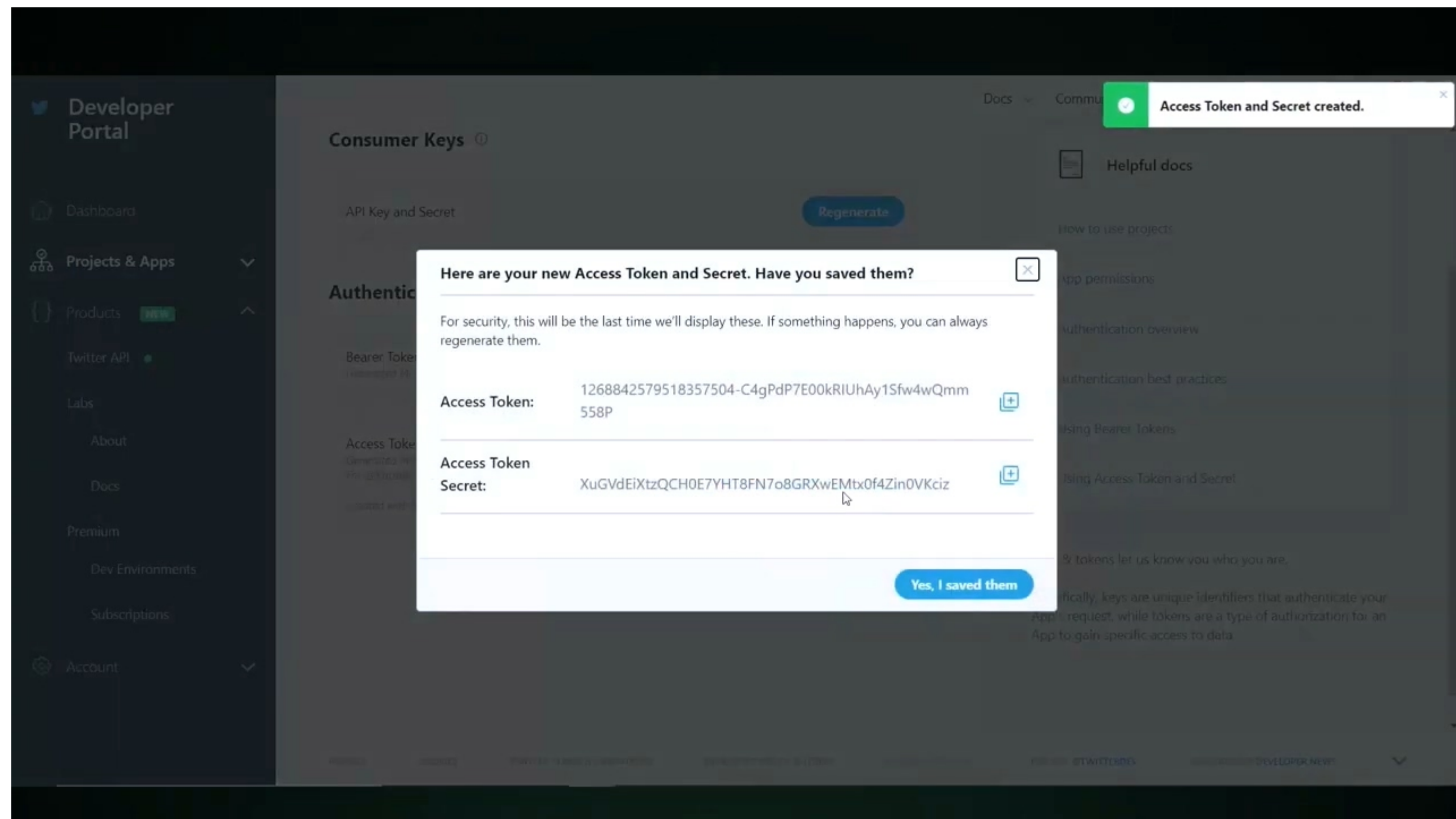
Using Bearer Tokens

Using Access Token and Secret

Keys & tokens let us know you who you are.

Specifically, keys are unique identifiers that authenticate your App's request, while tokens are a type of authorization for an App to gain specific access to data.

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* * * * *

مع التأكيد علي ضرورة عدم إعطاء الاكواد الخاصة بك لأحد حتي لا يسئ استخدامها , كما أن الـ API المجاني له مجموعة نصف مليون تغريدة في الشهر للمشروع

و بعد ذلك يمكن تحميل التغديرات عبر كود python او R