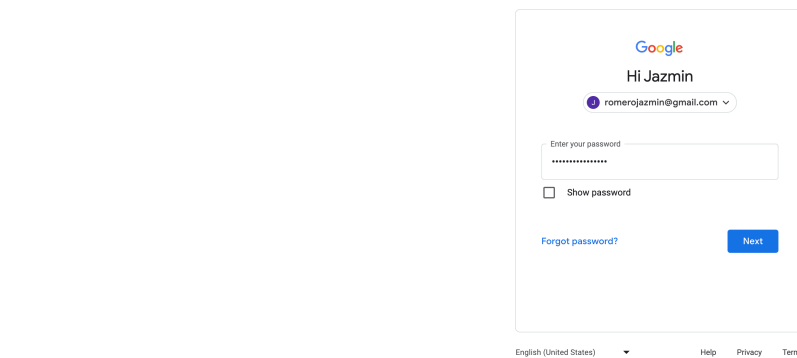# How to obtain an API Key to scrape YouTube videos.

This tutorial is composed of three steps: first, create a project in the google developers console, then add the YouTubeData v3 API feature to the project, and finally create the API token to scrap the videos.
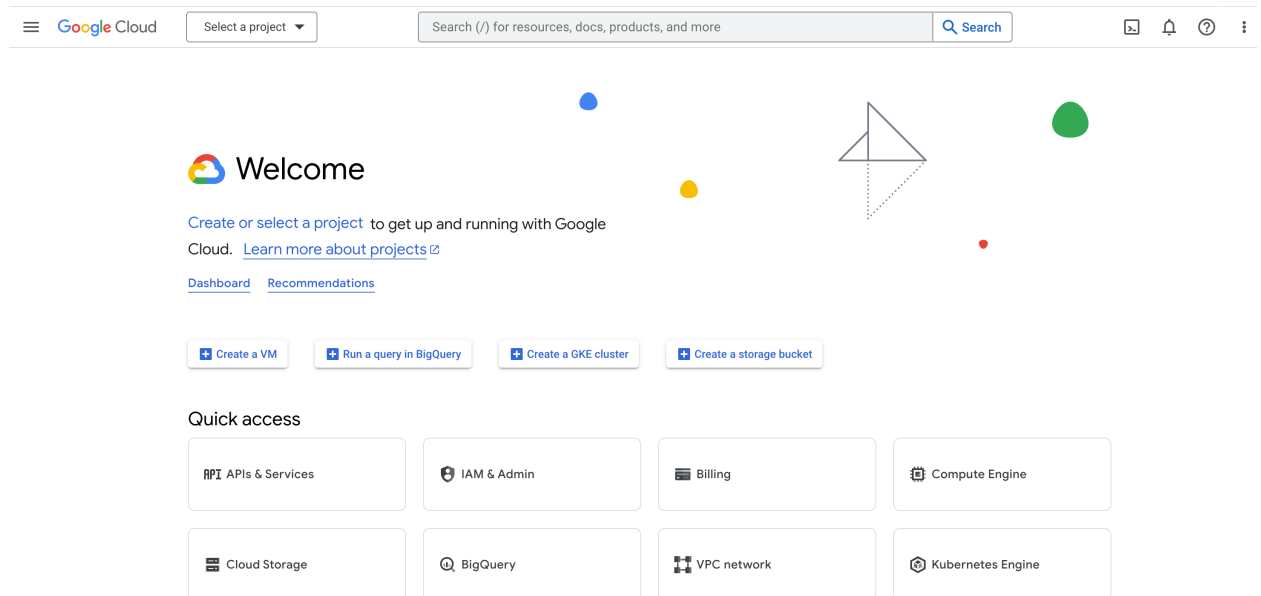
## CREATE A PROJECT IN THE GOOGLE DEVELOPERS CONSOLE
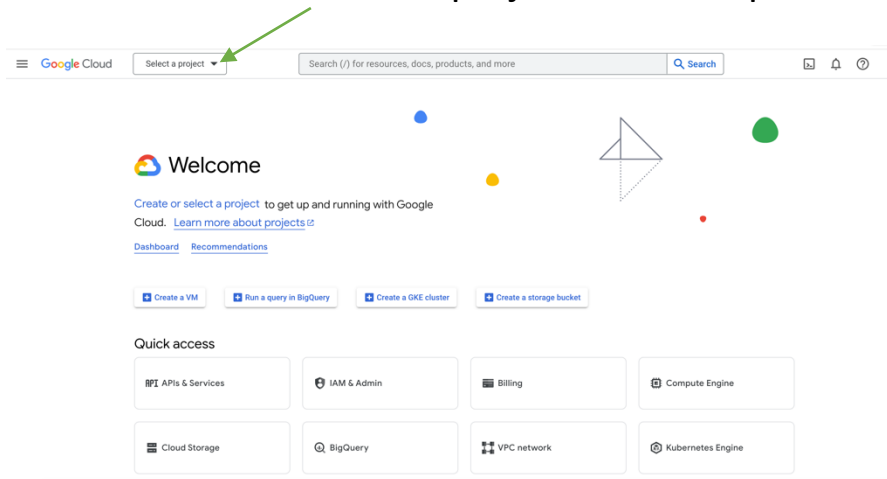
1. Login in your google account:



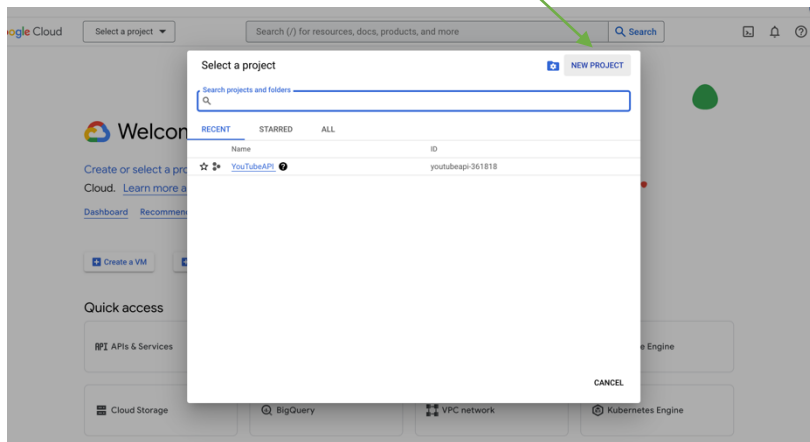2. Go to google developers console to create a project: https://console.cloud.google.com/welcome?organizationId=0

3. Create a new project:
   a. Click on "Select a project" in the top left corner.



   b. Click on "NEW PROJECT"



4. Fill the project's name (a name of your choice) and click on the Create button:
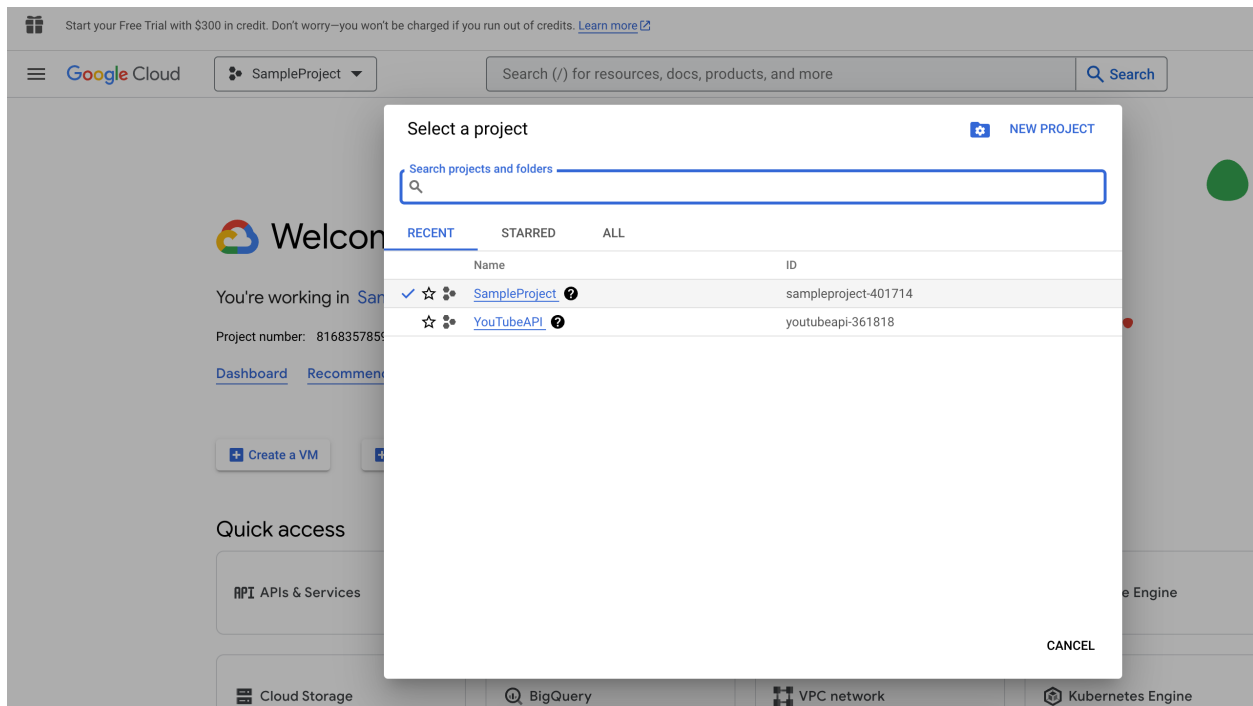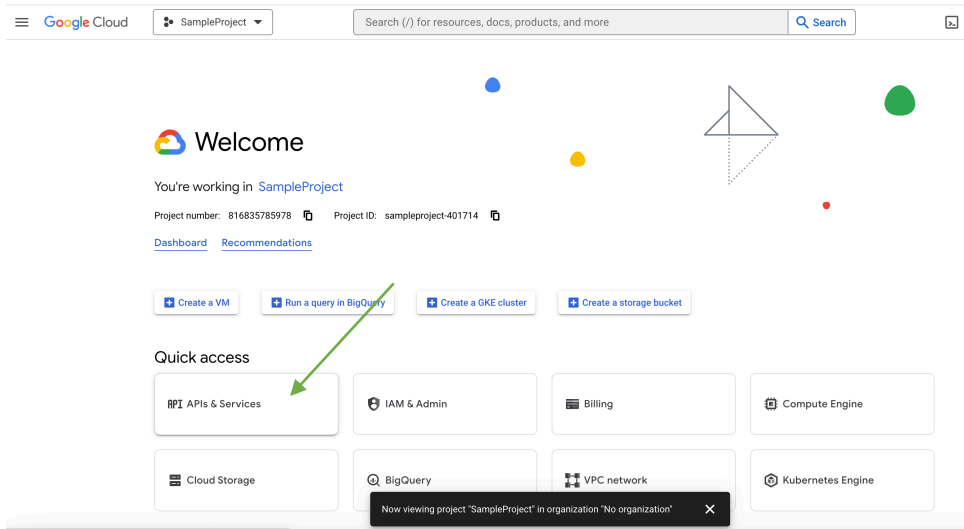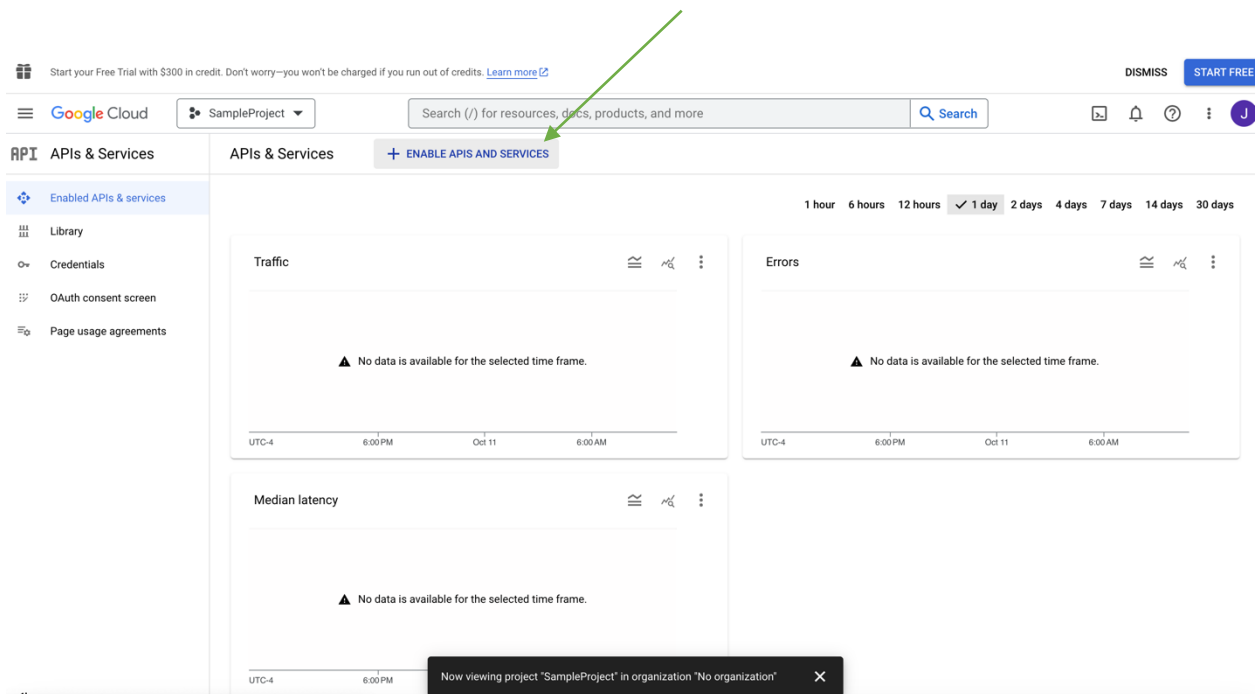
**ENABLE THE YOUTUBE DATA API FOR A PROJECT**

5. Select the recently created Project.
   a. Click in Select Project
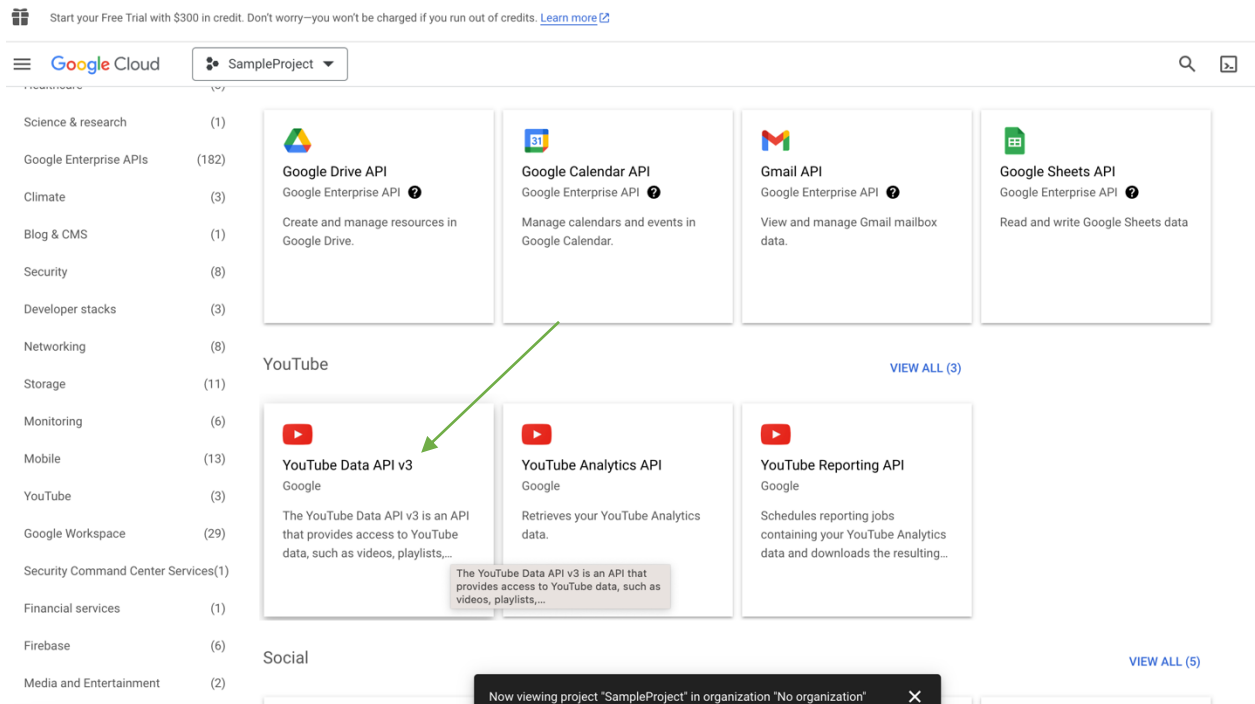   b. Select the Project
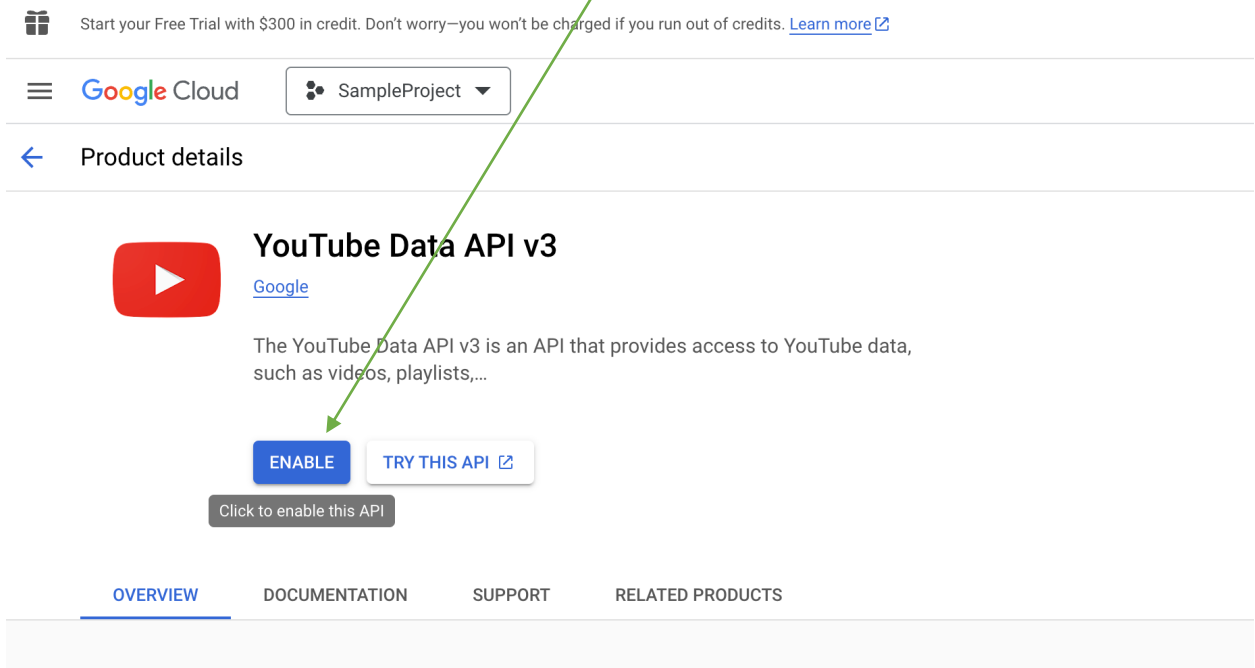
## 6. Click on the APIs&Services button:



## 7. Click on the +ENABLE APIs AND SERVICES button:

8. Scroll down until to find the YouTube Data API v3 button and click it:



9. Click on the ENABLE button to enable the API.

# CREATE CREDENTIALS TO ACCESS THE PROJECT PROGRAMATICALLY

### 10.    Click on the button +CREATE CREDENTIALS
Notice that the CREDENTIALS tab must be selected.

Do not click in this button.



### 11.    Select API key from the list:

## 12.    Copy your API Key and save it.
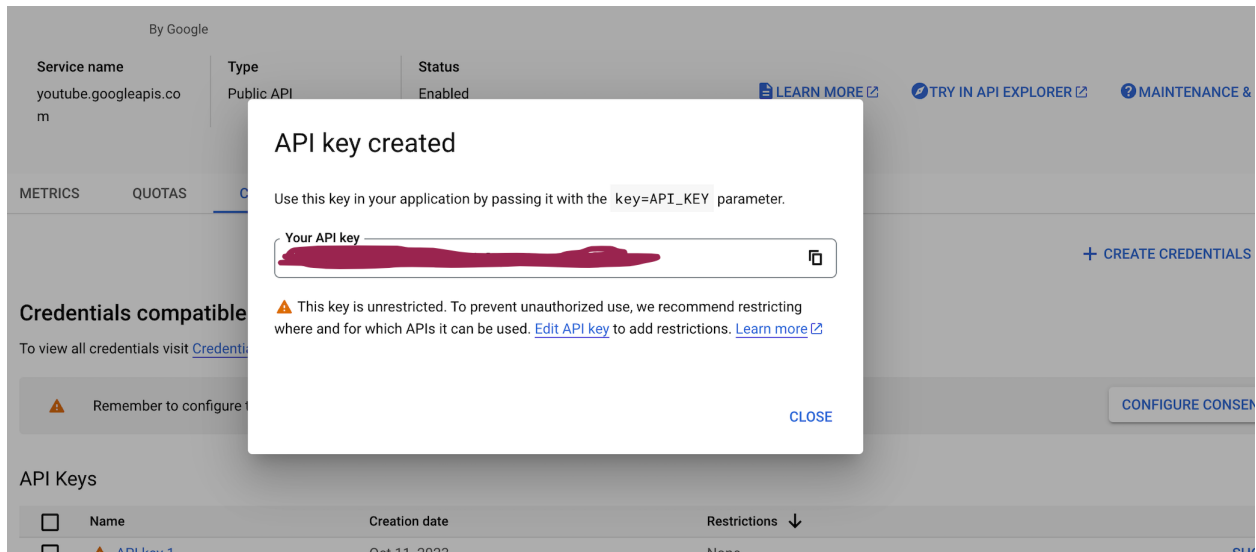


## 13.    Alternatively, you can obtain it by click it in the SHOW KEY button

The API token value correspond to the "Enter Token Value" in the scrapping website.

YouTube ⌄
Reddit ⌄

**You Tube** Youtube API Token Management

Add New Youtube API Token

Enter Token
Name *                    Enter Token Name

Enter Token Value
*                         Enter Youtube Token Value

Enter Token Tag
(optional)                Enter Youtube Token Tag

Reset    Cancel    Submit