# Python Script to upload file to Google Drive using GoogleAPI’s

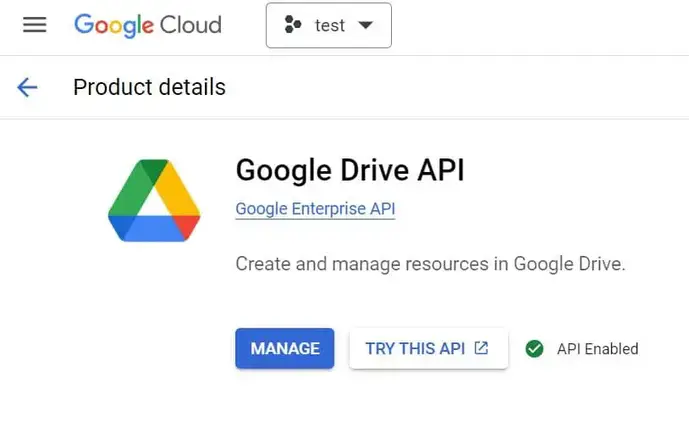
Hi Guy’s Welcome to [Proto Coders Point](https://protocoderspoint.com/). This article is on how to upload files to Google Drive using python.

Uploading a file to google drive by using python code take several steps, which include steps:

* ****Creating Project in Google Cloud Console.****
* ****Enabling Google Drive API.****
* ****Creating Service Account Credentials.****
* ****Python Code to Upload File to Google Drive.****

## Step 1: Setup a Google Cloud Console Project:

* Go to Google Cloud Console : [https://console.cloud.google.com/](https://console.cloud.google.com/" \t "https://protocoderspoint.com/nodejs-script-to-upload-file-to-google-drive-using-googleapis/_blank).
* Create a new Project or select an existing one.
* Now Navigate to “API’s & Services” > “Library”.
* In Search for “Google Drive API” and click on enable button for your project.

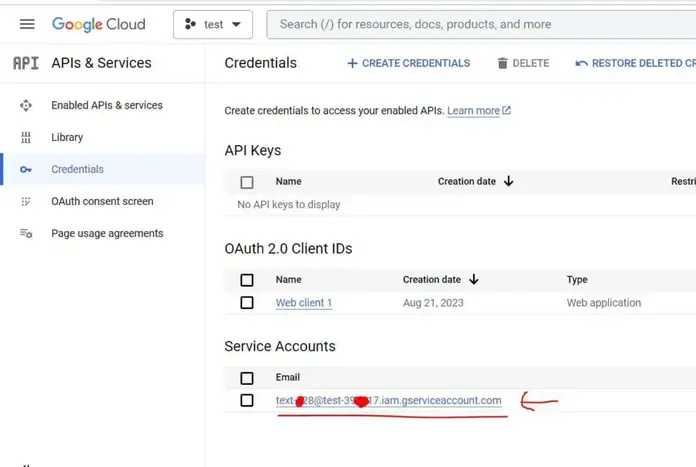


## Step 2: Create Service Account Credentials API

In google cloud console, Navigate to “API’s & Services” > “Credentials”.

Click on “Create Credentials” > Select “Service Account”.

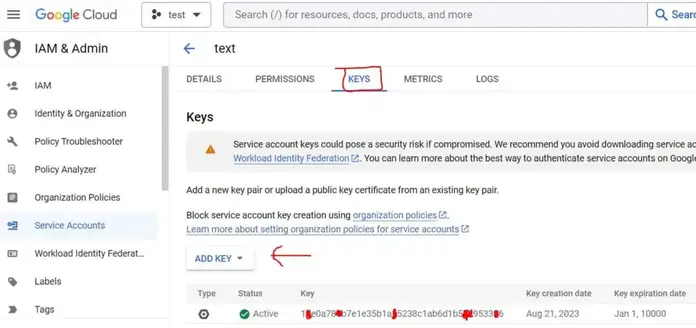
Enter Service Account Name, Service account ID then click ****DONE****.



## Step 3: Creating API Key JSON File for authentication

Once Service Account is been created, click on Service Account Email as soon in above image.

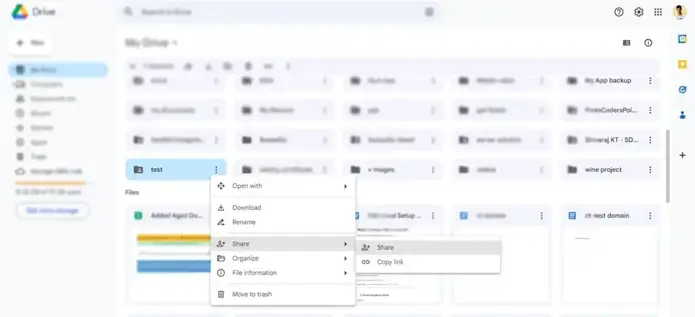
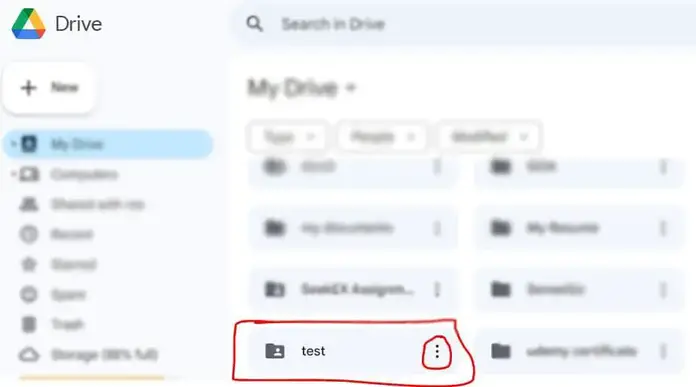
Then Click on ****Keys > Add Key > Create New Key****

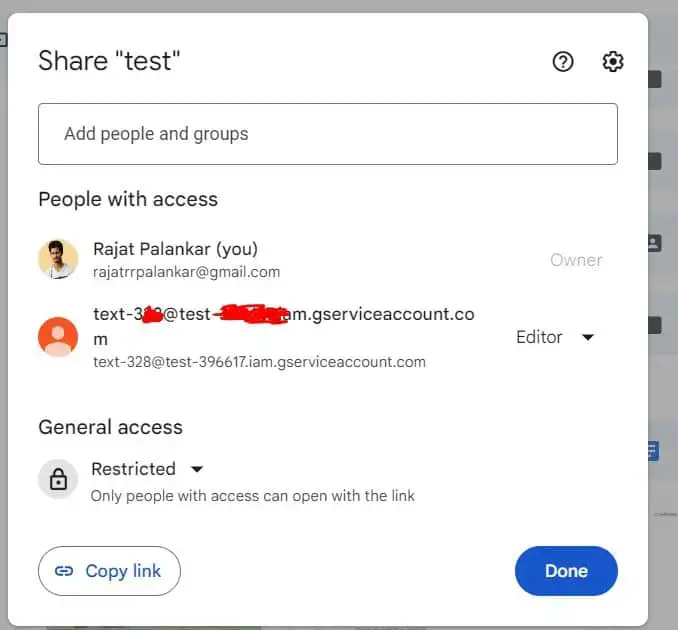


This will ****create a json file download it****, It contain api key by making use of which you can write a Python Script that can upload files into your google drive.

## Step 4: Creating a Folder & Give Access

Now, Once Service Account email is created, We need to create a Folder on Google Drive that will have full access permission for the service account we created, Basically share that folder with Service Account we created in above step.





Click on 3 dot on the folder that you want to share with service account, then click on share and enter the email address of service account and done.

## Step 5: Get Folder id

- in google drive open folder and check url in last part is folder id :-   
eg :- https://drive.google.com/drive/u/0/folders/gdhjgsh6565fsdfhkjdshf89798

folder\_id :- gdhjgsh6565fsdfhkjdshf89798