Here's a step-by-step guide to set up Google Drive API credentials:

1. Go to Google Cloud Console

* Visit <https://console.cloud.google.com/>
* Create a new project or select an existing one

1. Enable Google Drive API

* Navigate to "APIs & Services" > "Library"
* Search for "Google Drive API"
* Click "Enable"

1. Create Credentials

* Go to "APIs & Services" > "Credentials"
* Click "Create Credentials" > "OAuth client ID"
* Select "Desktop app" as application type
* Download the credentials JSON file

1. Install Required Libraries

pip install google-api-python-client google-auth-httplib2 google-auth-oauthlib

1. First-time Authentication Script:

Google Drive OAuth Authentication

Click to open code

1. Usage Instructions

* Save downloaded JSON as credentials.json
* Run authentication script
* Generated token.pickle will be used for future uploads

Key Notes:

* Keep credentials JSON private
* Regenerate if compromised
* Tokens expire and refresh automatically