The GitHub repo, , can be downloaded and setup to read/ write to Google Sheets using GoogleSheets API for projects stored in Google Cloud Developer Console. The steps below summarise the steps taken to setup this repo detailed here: [Google Sheets - Python API, Read & Write Data](https://www.youtube.com/watch?v=4ssigWmExak)

Following ([Python quickstart](https://developers.google.com/sheets/api/quickstart/python)) instructions:

1. Install the Google Client Library via pip install:
   1. *pip install --upgrade google-api-python-client google-auth-httplib2 google-auth-oauthlib*
2. Create a project in the developers console: <https://console.cloud.google.com/apis/dashboard>
3. Enable the GoogleSheets API under **Explore and enable APIs**
   1. Search for GoogleSheets API and Enable
   2. Select **Create credentials**
   3. Add service account name which in turn generates email address
4. Go to the Google Sheet and share with the service account email. Enable editor permissions.
5. Setup the pass Key by returning to the service account page, select the email address to open account details.
   1. Add key
   2. Select JSON & create to download
   3. Save file to the Python project repo, rename to simpler e.g.(service\_keys.JSON)

\*\* Details for setting up the python file to use Google’s Python API can be found here <https://developers.google.com/identity/protocols/oauth2/service-account#python>, under heading C**alling Google APIs** > Python

This has already been set up per the Github repo, google\_sheets\_read\_write.py

1. Copy the spreadsheet id from the spreadsheet URL and save to variable SAMPLE\_SPREADSHEET\_ID (google\_sheets\_read\_write.py)
2. Follow the GitHub repo readme instructions to modify the python file for a specific spreadsheet.

Related docs

[Google Sheets API methods in Python](https://developers.google.com/sheets/api/reference/rest)