

1. pip install gspread
2. Authenticate Account:
<https://console.developers.google.com/cloud-resource-manager?pli=1>
3. Side Hamburger Icon -> Under “APIs & Services > Library”, search for “Drive API” and enable it.
4. Side Hamburger Icon -> Under “APIs & Services > Library”, search for “Sheets API” and enable it.

Creating a Service Account (just an account but for a nonhuman)

5. “APIs & Services > Credentials” and choose “Create credentials > Service account key”.
6. fill out the form
7. Click “Create key”
8. Select “JSON” and click “Create”
9. Go to spreadsheet and share it with service account in the JSON that you just downloaded next to `client_email`
10. Put the Credentials file in the same directory of your Python file

All Code:

```
import gspread
from oauth2client.service_account import ServiceAccountCredentials

emails = ["themillibit@gmail.com", "hello@gmail.com", "testing@gmail.com"]
names = ["the Millibit", "hello", "testing"]

scope =
["https://spreadsheets.google.com/feeds", 'https://www.googleapis.com/auth/s
preadsheets', "https://www.googleapis.com/auth/drive.file", "https://www.goog
```

```
leapis.com/auth/drive"]
creds =
ServiceAccountCredentials.from_json_keyfile_name("credentials.json", scope)
client = gspread.authorize(creds)

spreadsheet = client.open("Email Subscribers")
worksheet = spreadsheet.add_worksheet("Email Subscribers", len(emails),
len(names))

for i in range (1 , len(emails)):
    worksheet.update_cell(i, 1, names[i])
    worksheet.update_cell(i, 2, emails[i])
```

```
#Open by URL, can also open by key
sheet = client.open_by_url('')

#open existing spreadsheet
request_sheet = client.open("Email Subscribers").worksheet("Sheet1")

#get data from spreadsheet as a list of dicts
request_data = request_sheet.get_all_records()

#get data from spreadsheet as a list of dicts
request_data = request_sheet.get_all_values()

#getting values from rows or columns:
values_list = worksheet.row_values(1)

#Getting values from cells:
worksheet.acell('B1').value
```

```
#Find rows and columns of a certain value  
worksheet.find("value")  
cell.row
```