

Colab 存讀檔案

1. 沒有路徑，檔案存於虛擬機中(vm)但只存 12 小時，如下:

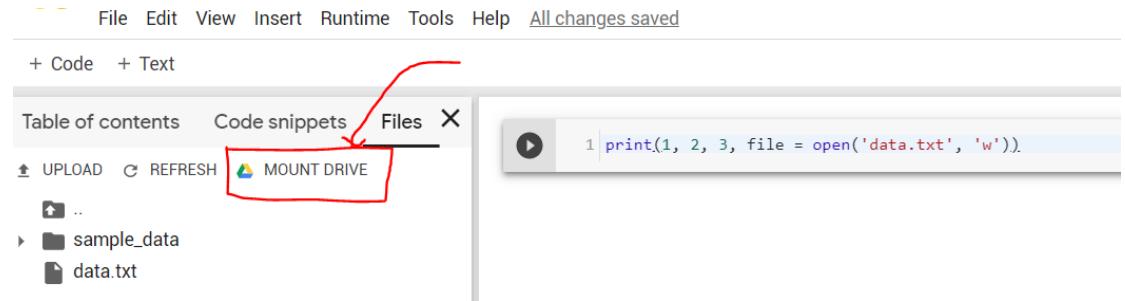
The screenshot shows the Colab interface. A red arrow points from the top-left towards the sidebar. In the sidebar, there is a folder icon followed by a file icon containing the letter 'D'. Below these are '+ Code' and '+ Text' buttons. The main workspace shows two code cells. The first cell contains the code `print(1, 2, 3, sep=',')`, which outputs `1,2,3`. The second cell contains the code `print(1, 2, 3, file = open('data.txt', 'w'))`.

This screenshot shows the Colab interface with the 'Files' tab selected in the sidebar, indicated by a red box and an arrow. The sidebar also shows 'Table of contents' and 'Code snippets' tabs. The main workspace displays the same two code cells as the previous screenshot.

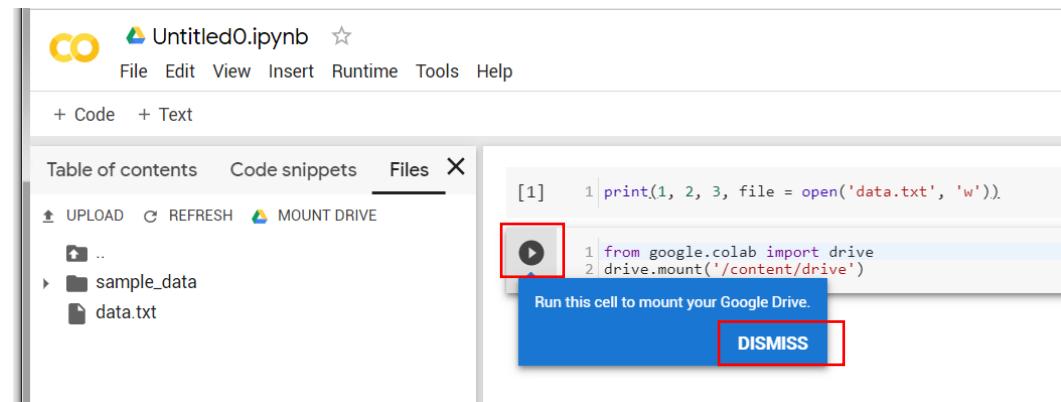
This screenshot shows the Colab interface with the 'Files' tab selected. The sidebar shows a file tree with 'sample_data' and 'data.txt'. The 'data.txt' file is highlighted with a red box. The main workspace shows the code cell `print(1, 2, 3, file = open('data.txt', 'w'))`.

2. 存入特定子目錄:

2.1 MOUNT DRIVE (聯接上硬碟)



- 按下(或單擊) <MOUNT DRIVE>



- 先按下 DISMISS
- 在執行



- 點上 https 網址

 使用 Google 帳戶登入



選擇帳戶

以繼續使用「[Google Drive File Stream](#)」



Ta-Hsiang Hu
hutahsiang@gmail.com



胡大湘
thhu@mail.dyu.edu.tw



胡大湘
hutahsiang1@gmail.com



胡大湘
hutahsiangclass@gmail.com



使用其他帳戶

如要繼續進行，Google 會將您的姓名、電子郵件地址、語言偏好設定和個人資料相片提供給「Google Drive File Stream」。

● 選擇帳戶



● 按下允許

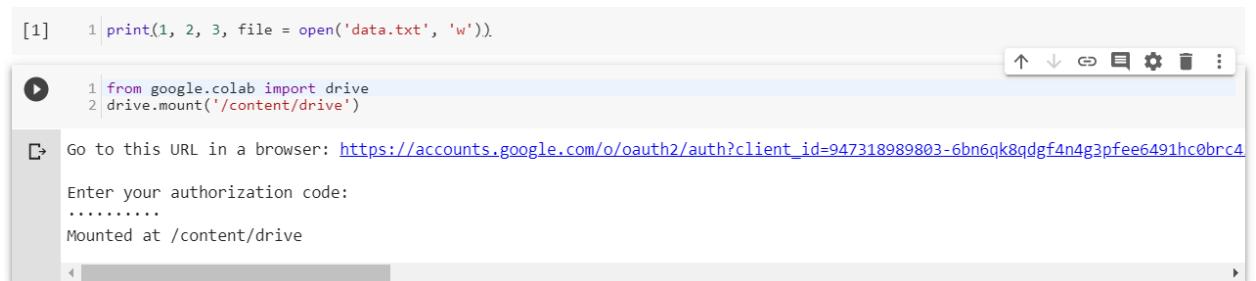


● 複製授權碼



```
[1] 1 print(1, 2, 3, file = open('data.txt', 'w')).  
2  
3 from google.colab import drive  
4 drive.mount('/content/drive')  
... Go to this URL in a browser: https://accounts.google.com/o/oauth2/auth?client_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4  
Enter your authorization code:  
.....
```

- 貼上授權碼後，按下 enter



```
[1] 1 print(1, 2, 3, file = open('data.txt', 'w')).  
2  
3 from google.colab import drive  
4 drive.mount('/content/drive')  
5  
6 Go to this URL in a browser: https://accounts.google.com/o/oauth2/auth?client_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4  
7  
8 Enter your authorization code:  
9 ..  
10 Mounted at /content/drive
```

+ Code + Text

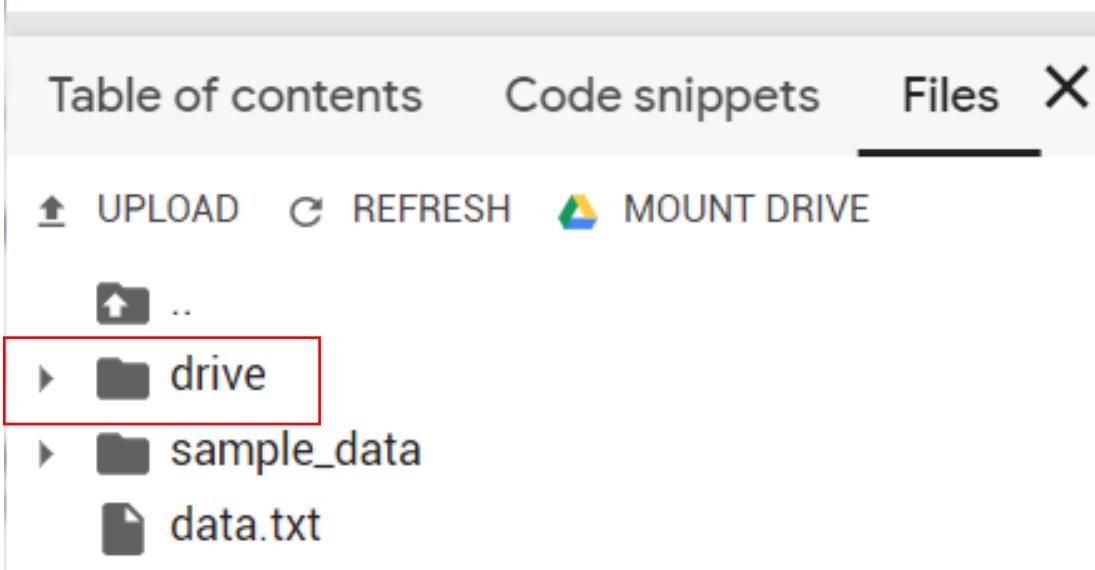


Table of contents Code snippets Files X

UPLOAD REFRESH MOUNT DRIVE

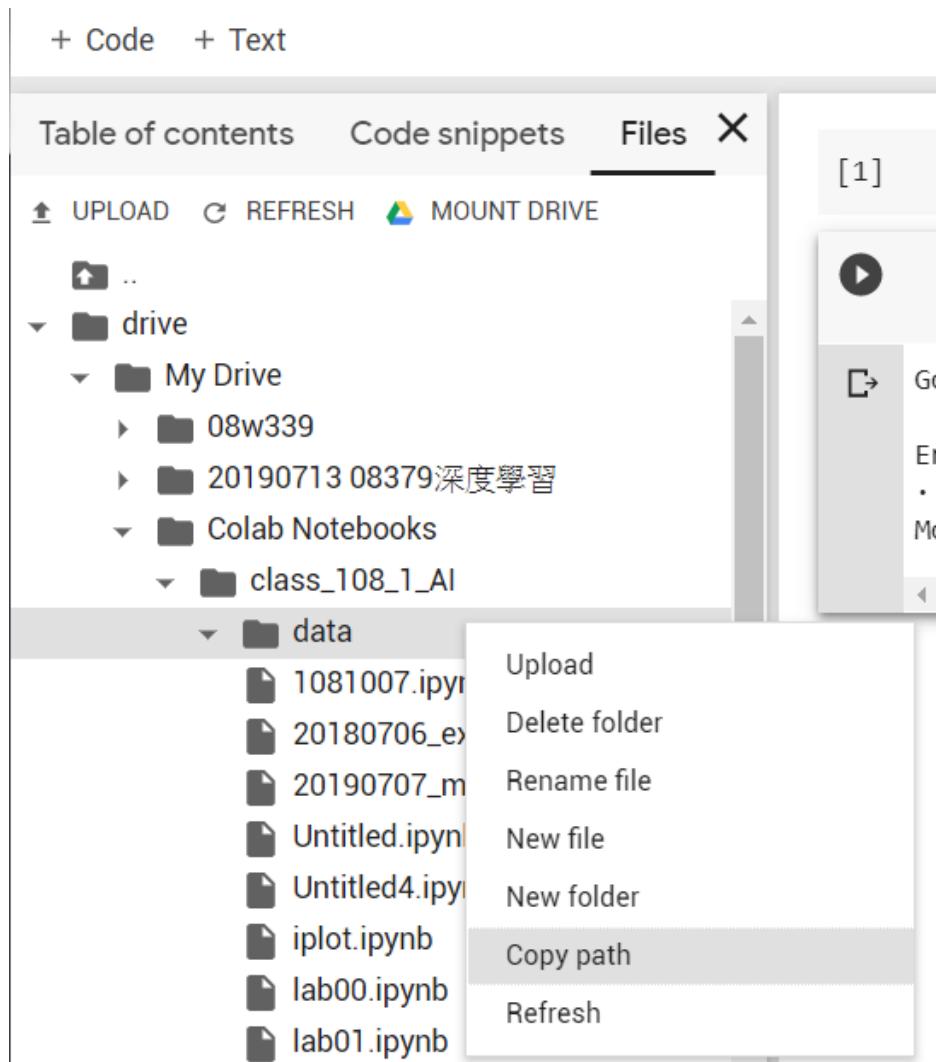
...

drive

sample_data

data.txt

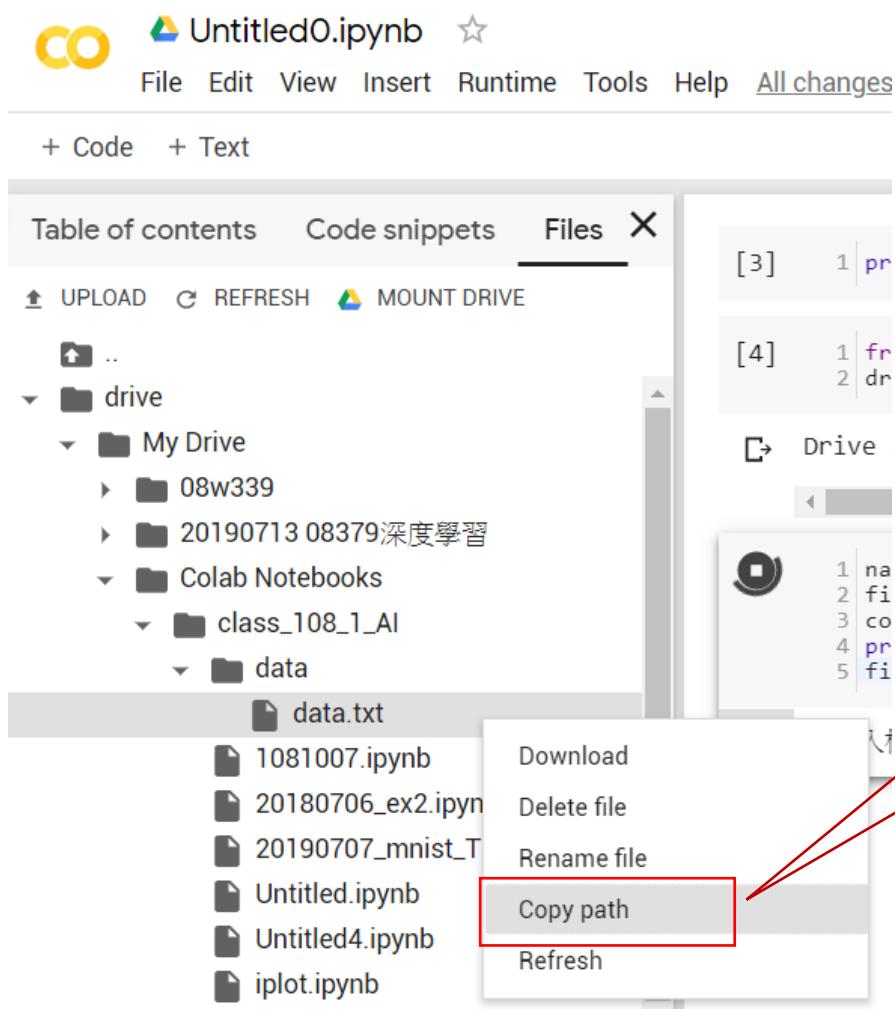
- 出現 drive
- 一路點下去，則到達預定的子目錄



2.2 拷貝路徑及貼上路徑

```
1 print(1, 2, 3, file = open('/content/drive/My Drive/Colab Notebooks/class_108_1_AI/data/data.txt', 'w'))
```

3. 自特定子目錄讀資料:



- 貼上位置與檔名後，按下 enter

```

1 name = input('請輸入檔名：')
2 file = open(name, 'r', encoding='UTF-8')
3 content = file.read()
4 print(content)
5 file.close()

...
請輸入檔名：/content/drive/My Drive/Colab Notebooks/class_108_1_AI/data/data.txt

1 name = input('請輸入檔名：')
2 file = open(name, 'r', encoding='UTF-8')
3 content = file.read()
4 print(content)
5 file.close()

...
請輸入檔名：/content/drive/My Drive/Colab Notebooks/class_108_1_AI/data/data.txt
1 2 3

```