

# Introduction to run Jupyter Notebooks on Google Colab

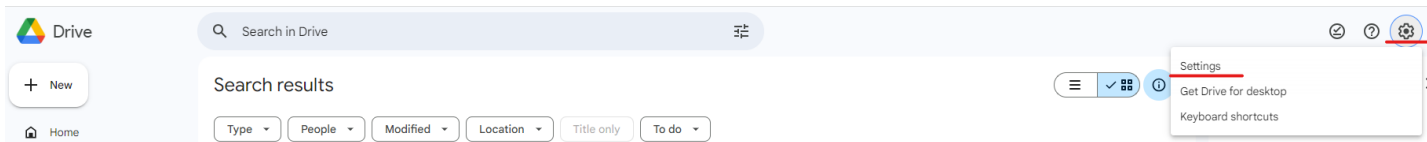
## 1. Create Gmail / Google Account

- Create Gmail, go to: <https://www.google.com/intl/en/gmail/about/>
- Google Account: <https://support.google.com/accounts/answer/27441?hl=en>
- Follow instructions

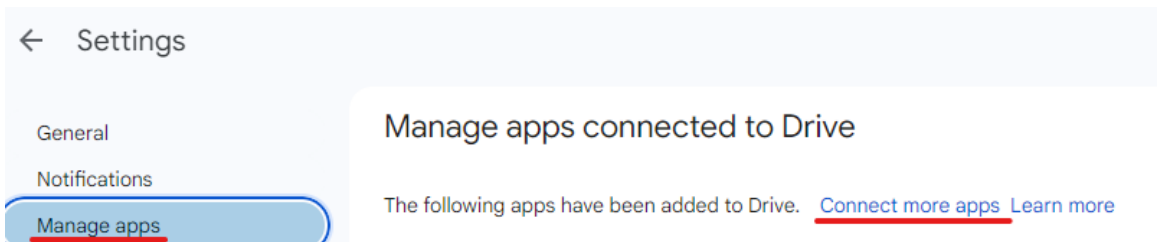
## 2. Adding Colab app to Google Drive

After setting up your Google account or Gmail account you will need to add Collaboratory application to your Google Drive:

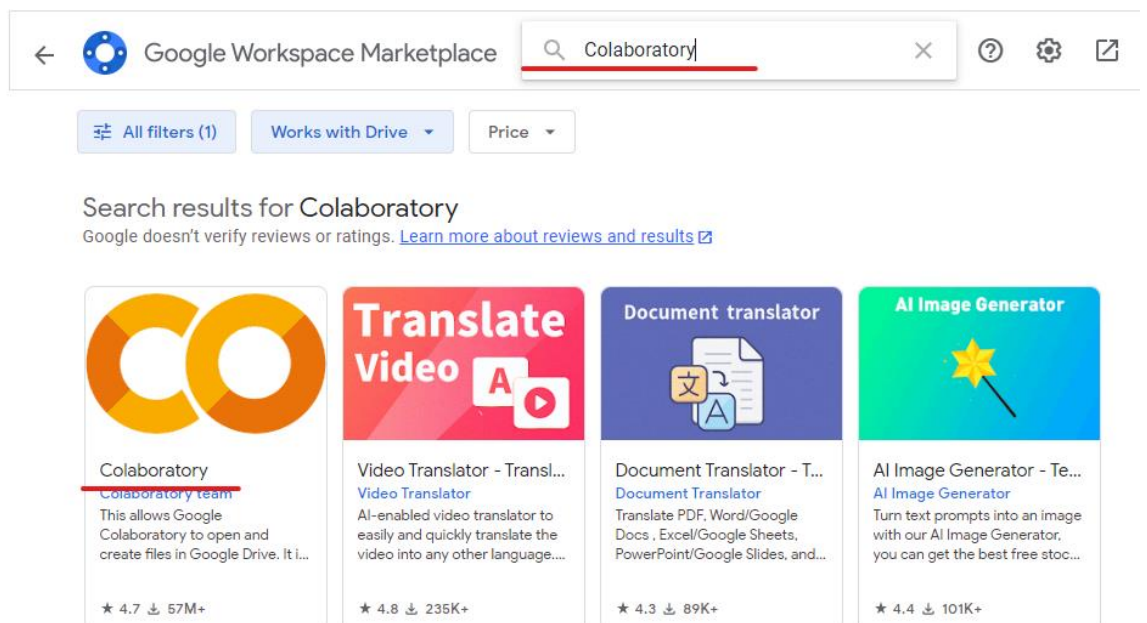
- Google Drive -> Settings:

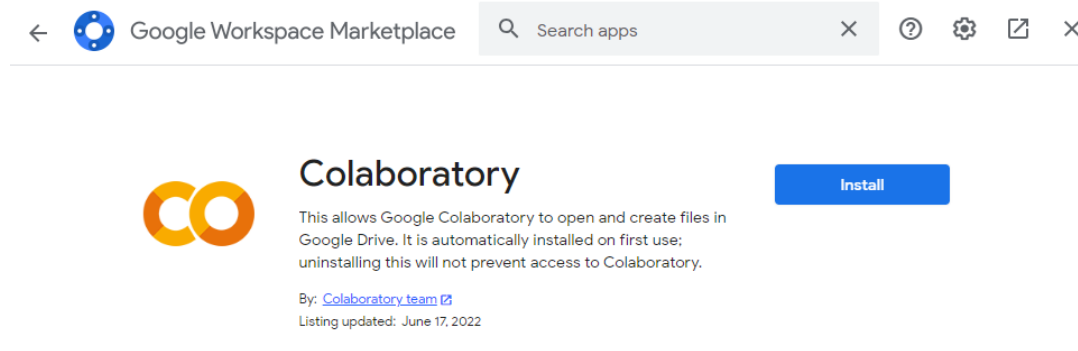


- Manage apps -> Connect more apps

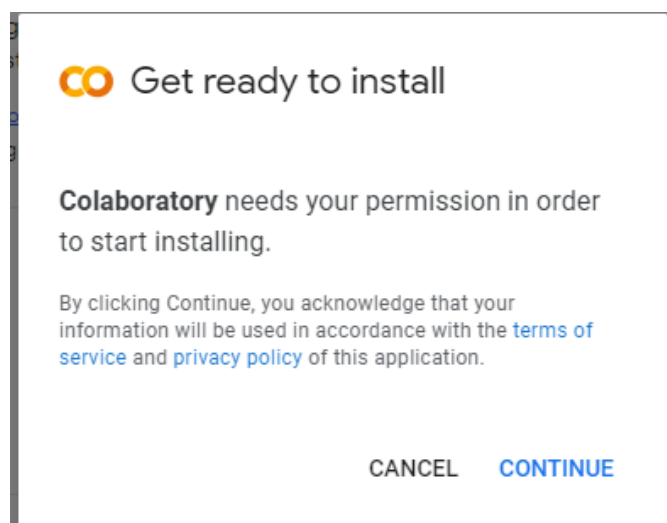


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- Search and install Collaboratory

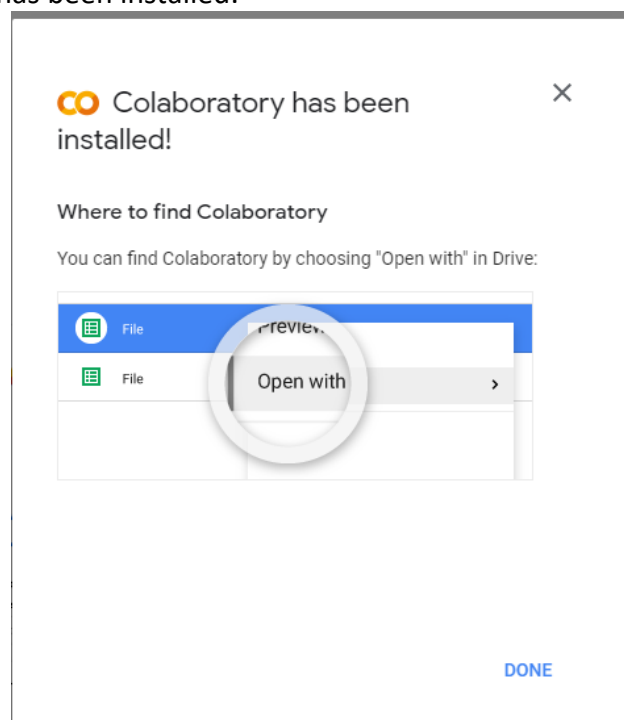




- Need permissions of your phone and the Gmail/Google account, just follow the instructions.

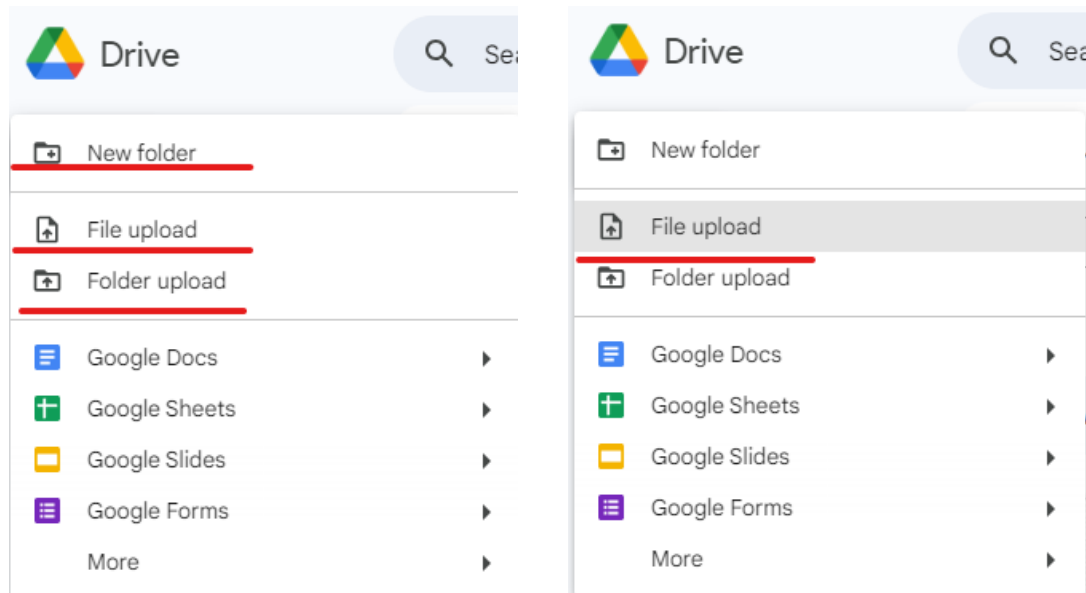


- Colaboratory has been installed.

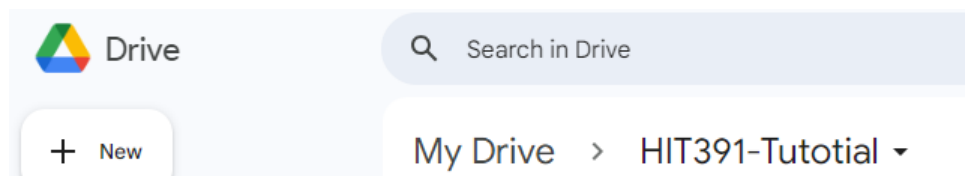


### 3. Uploading the course material/data to Google Drive

- New -> folder upload



- Make sure that directory structure is: My Drive -> HIT391-Tutorial, e.g.

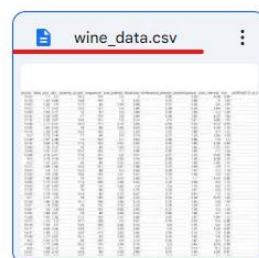


- The loaded course material/data -> wine\_data.csv, e.g.

My Drive > HIT391-Tutorial

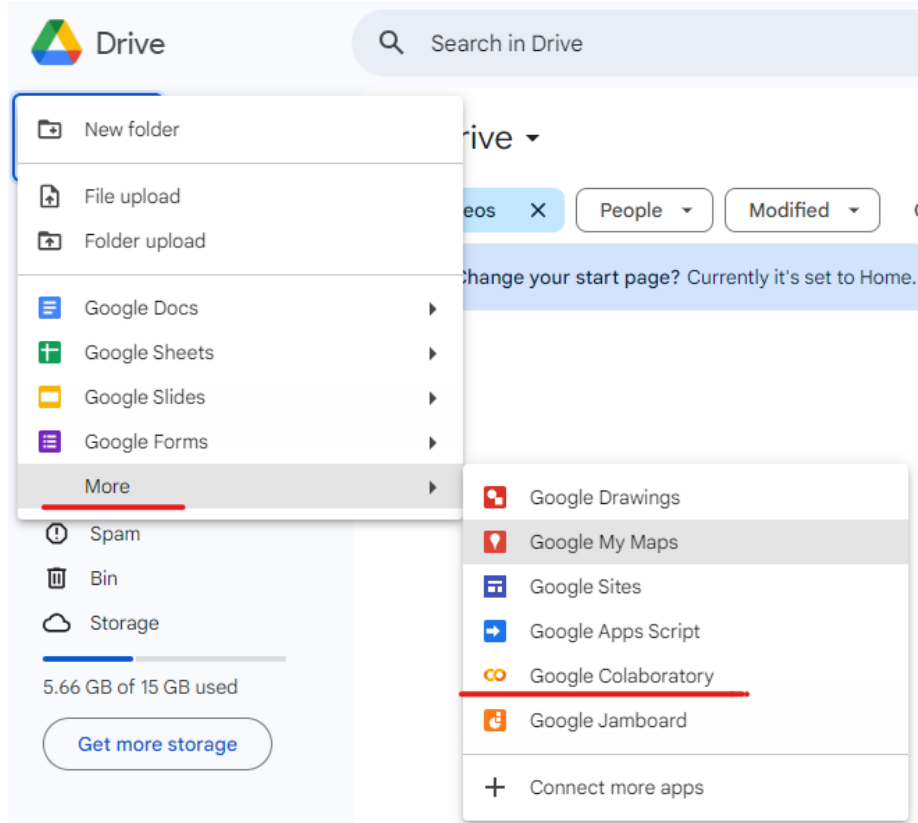
Type People Modified

Files

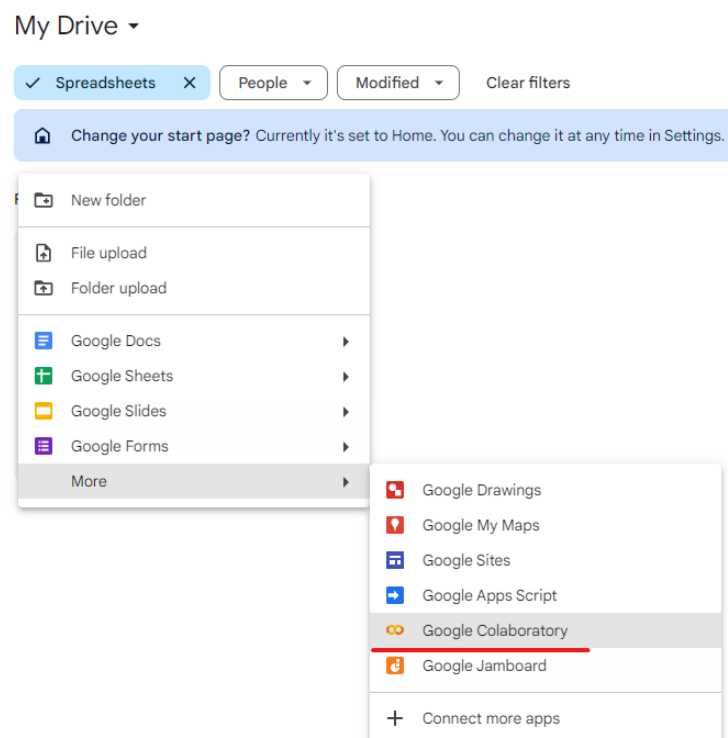


#### 4. Creating new notebook

- Drive -> More -> Google Colaboratory

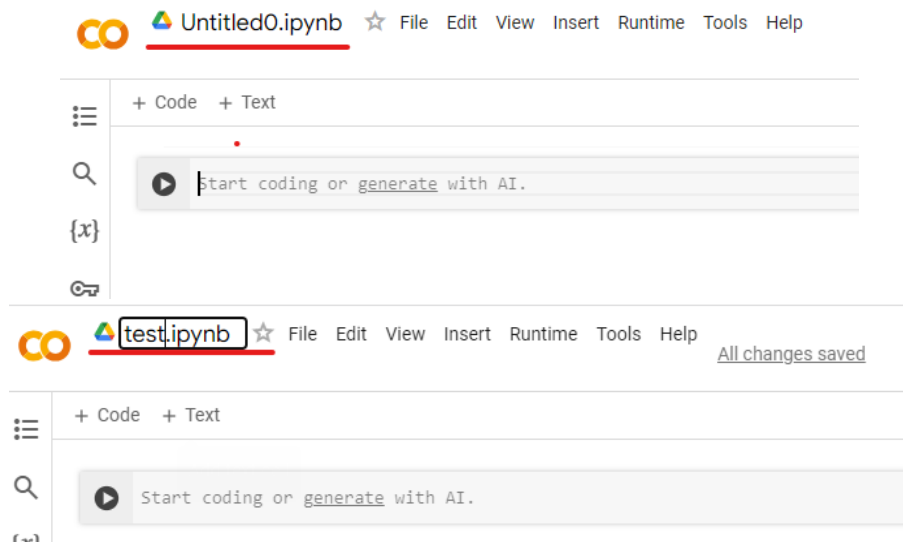


- Right Click -> More -> Google Colaboratory



## 5. Notebook Settings

- Rename notebook by means of clicking the file name



- Environmental settings (Hardware & Software)

**\*\*Steps\*\*:** Edit -> **Notebook settings** or **Runtime** -> Change **Runtime type** and **Select GPU** as **Hardware accelerator**

### Notebook settings

#### Runtime type

Python 3 ▼

#### Hardware accelerator ?

☐ CPU ☒ T4 GPU ☐ A100 GPU ☐ V100 GPU ☐ TPU

Want access to premium GPUs? [Purchase additional compute units](#)

☐ Automatically run the first cell or section on any execution

☐ Omit code cell output when saving this notebook

Cancel Save