

# Introduction to run Jupyter Notebooks on Google Colab

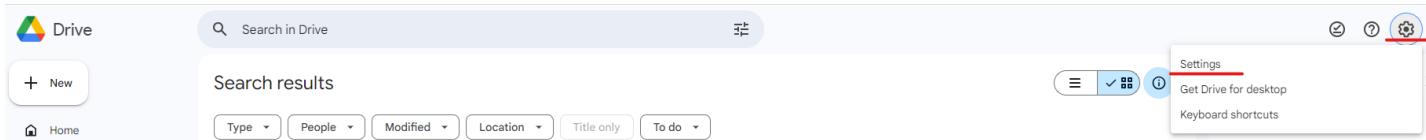
## 1. Create Gmail / Google Account

- 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 Colaboratory application to your Google Drive:

- Google Drive -> Settings:



- Manage apps -> Connect more apps

← Settings

General

Notifications

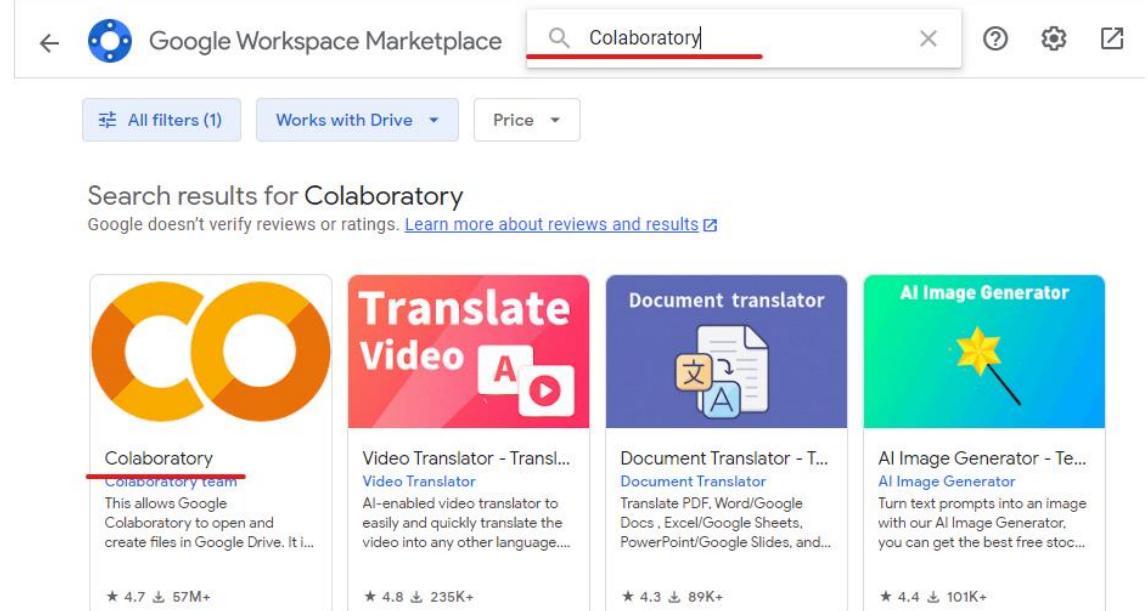
Manage apps

Manage apps connected to Drive

The following apps have been added to Drive. [Connect more apps](#) [Learn more](#)

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- Search and install Colaboratory



←  Google Workspace Marketplace  X ? ⚙️ 📁 X



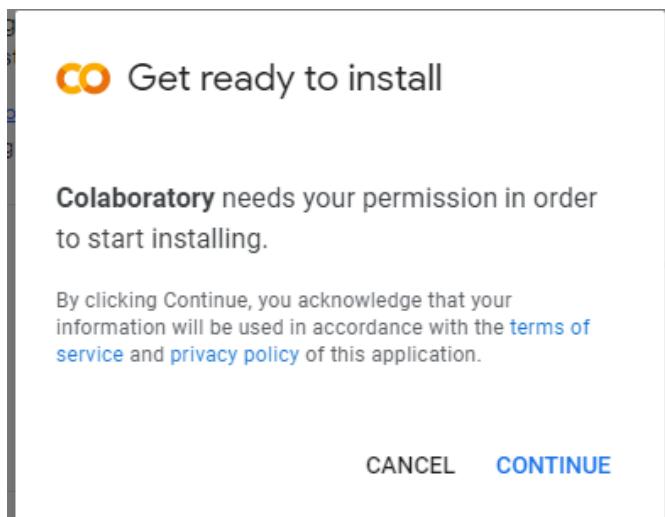
## Colaboratory

This allows Google Colaboratory to open and create files in Google Drive. It is automatically installed on first use; uninstalling this will not prevent access to Colaboratory.

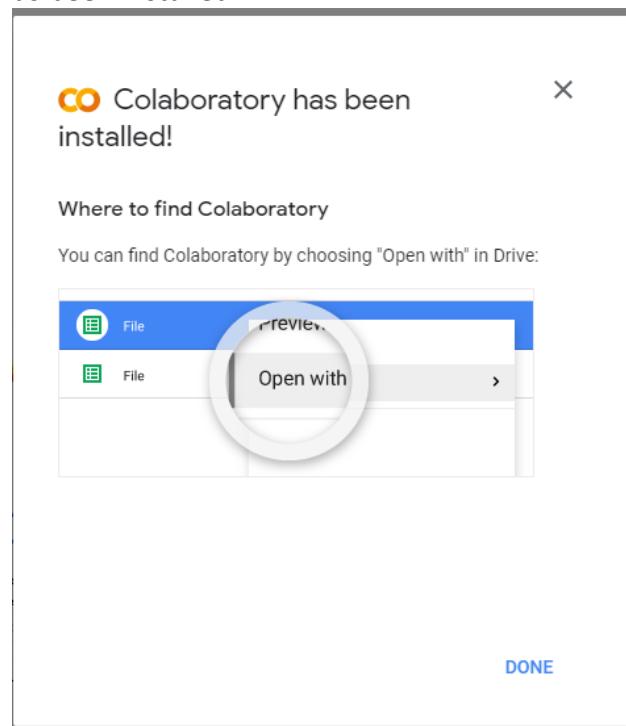
By: [Colaboratory team](#)  Listing updated: June 17, 2022

[Install](#)

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

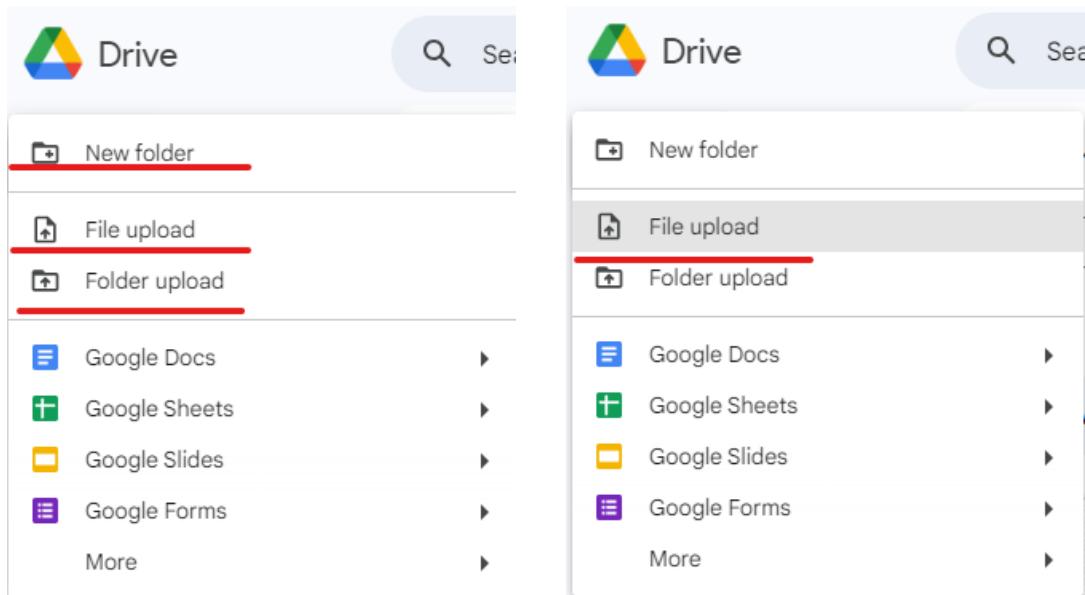


- Colaboratory has been installed.

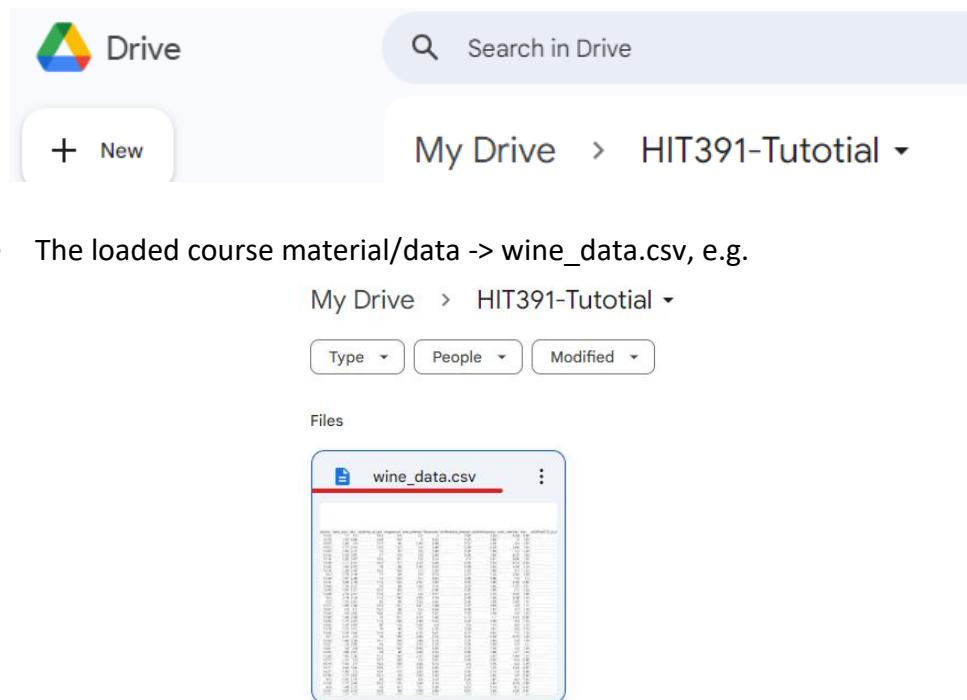


### 3. Uploading the course material/data to Google Drive

- New -> folder upload

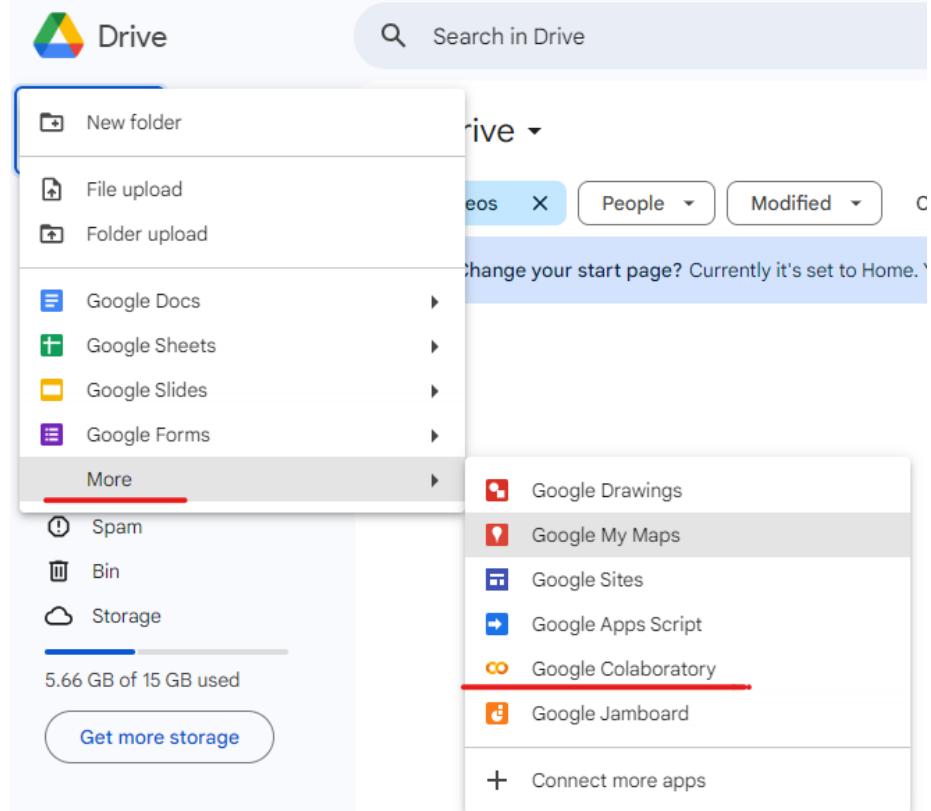


- Make sure that directory structure is: My Drive -> HIT391-Tutorial, e.g.

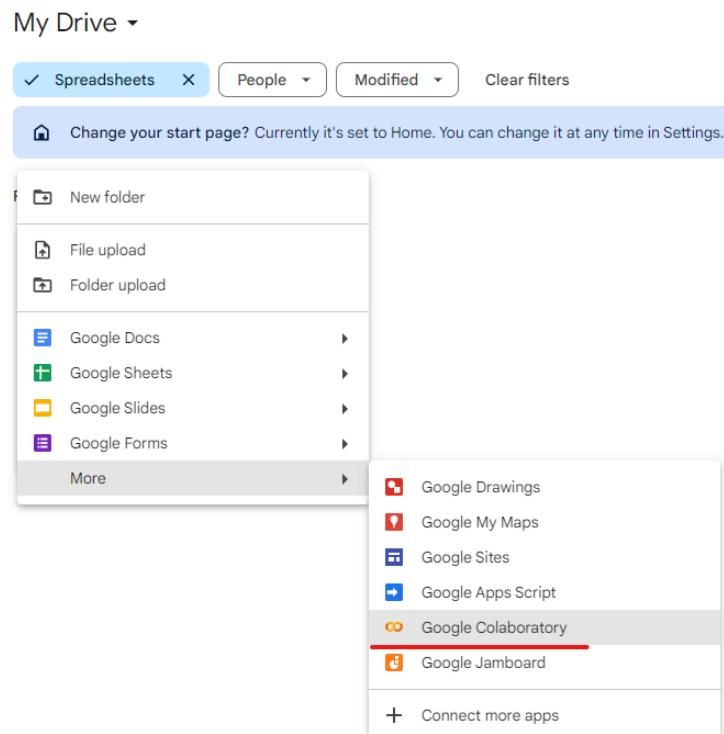


#### 4. Creating new notebook

- Drive -> More -> Google Colaboratory

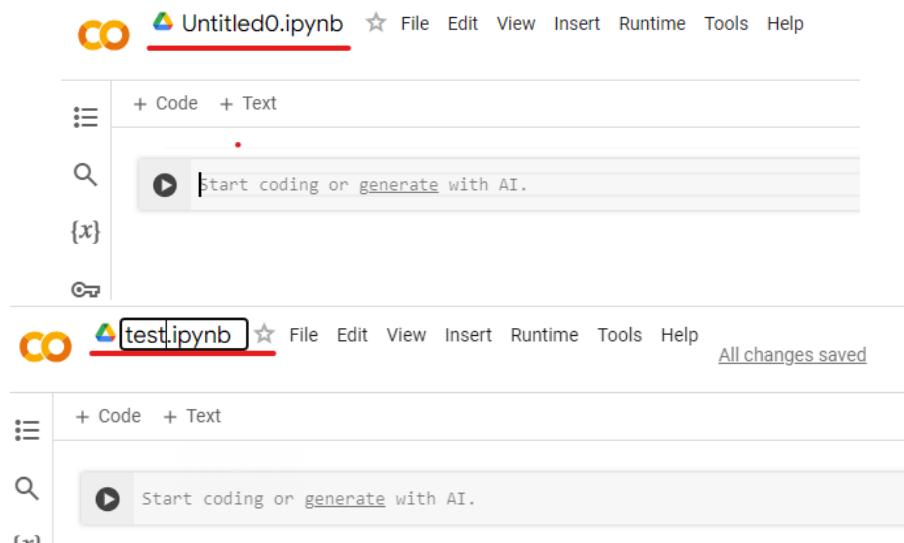


- Right Click -> More -> Google Colaboratory



## 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](#)