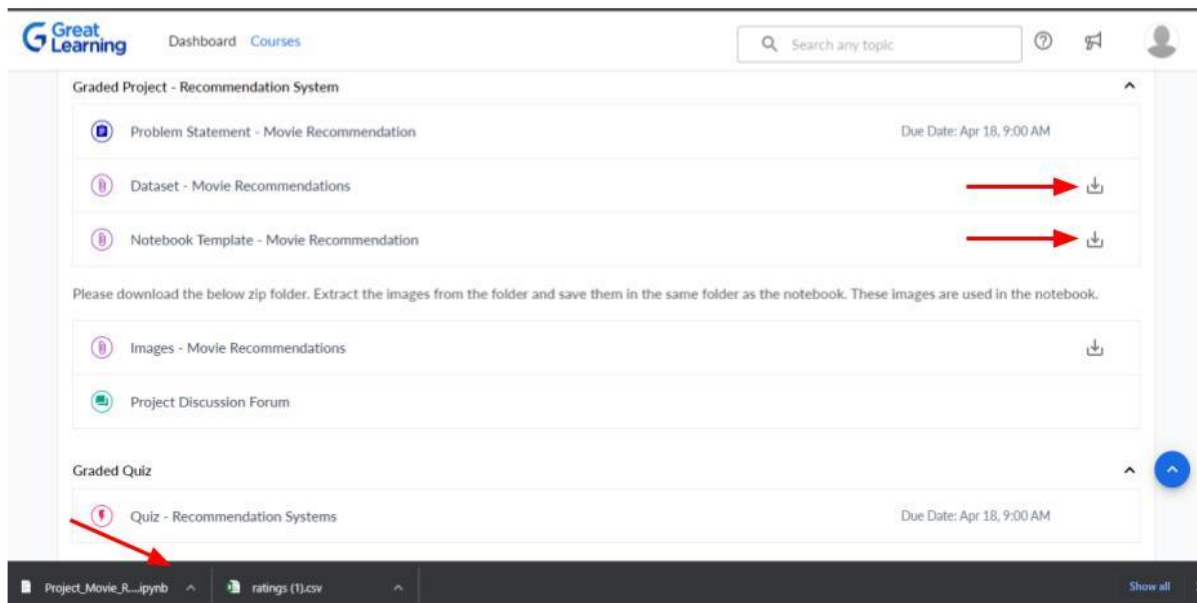


Instructions - Movie Recommendation System

Please follow the below instructions to understand how to use Google Colab for the Recommendation Systems project.

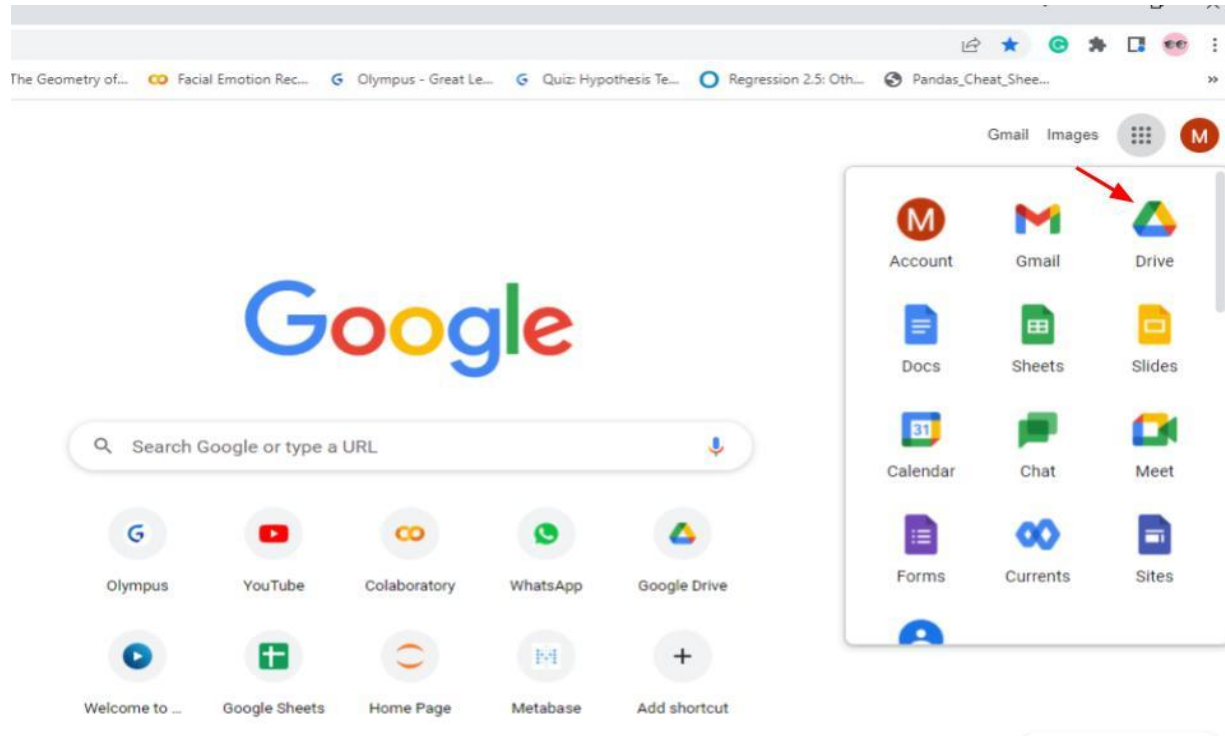
Step 1: Download the **Dataset** and the **Notebook Template** from Olympus. Your file will begin downloading once you click the download icon.



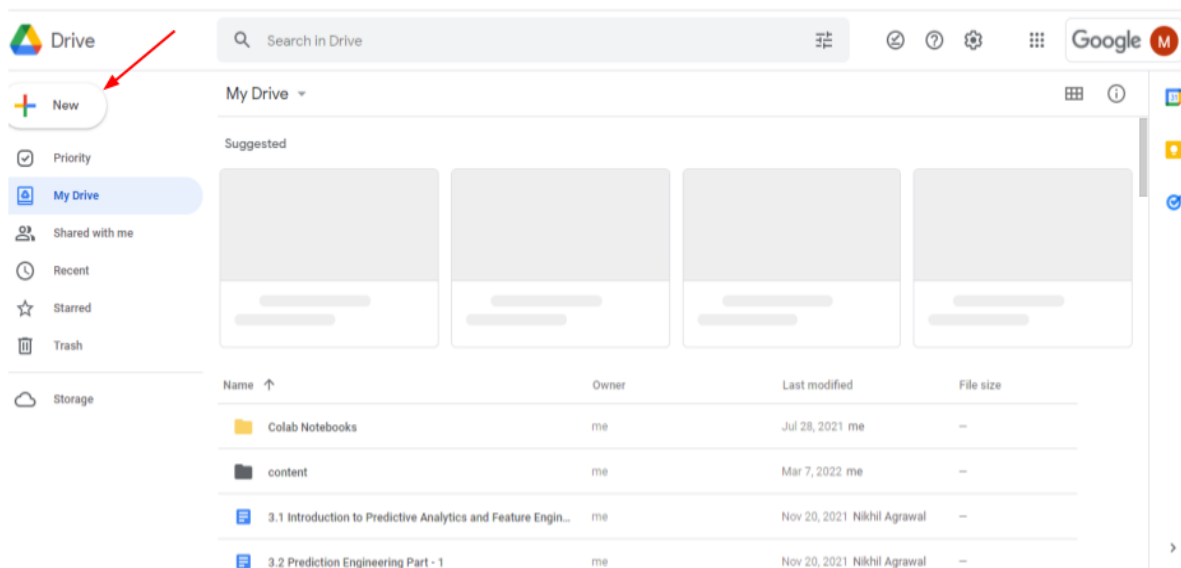
Step 2: Upload both files to Google Drive.

To upload files to Google Drive, please follow the below instructions:

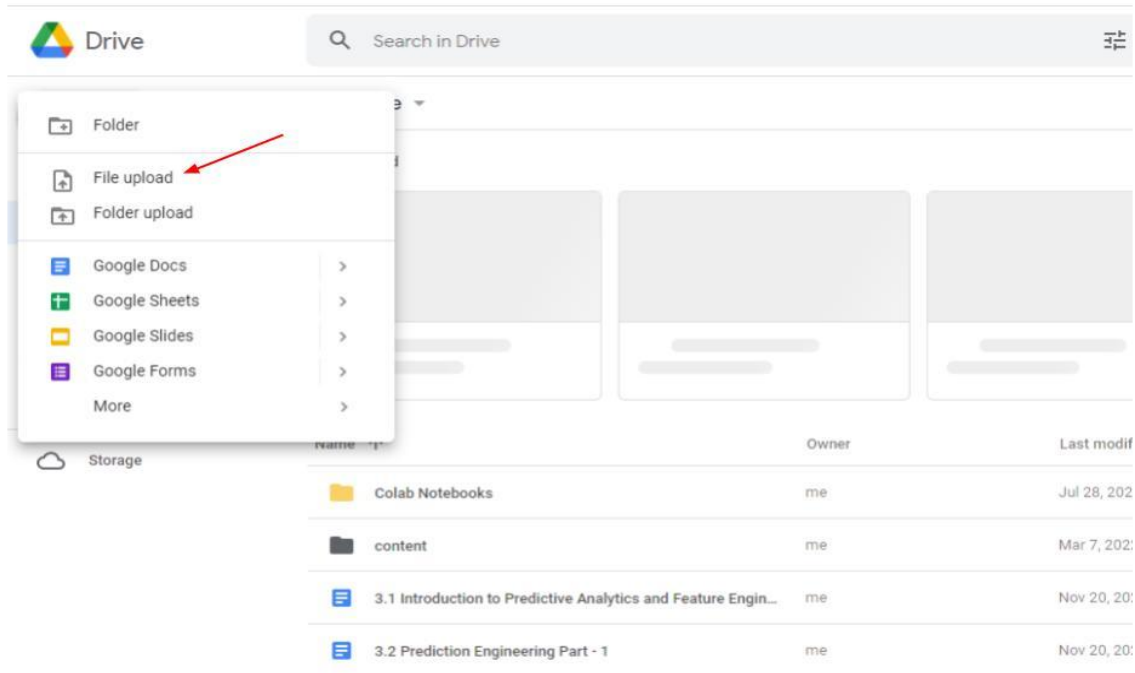
1. Open Google Drive



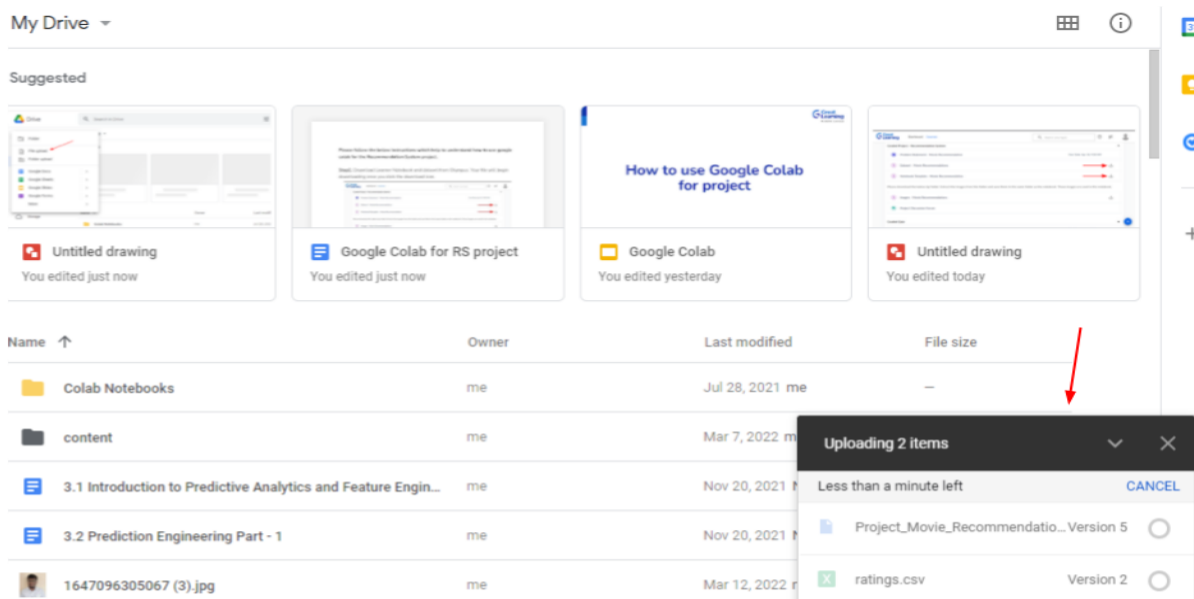
2. Click on the New button, as shown in the image



You will see a drop-down menu with multiple options. Click on **File Upload**.

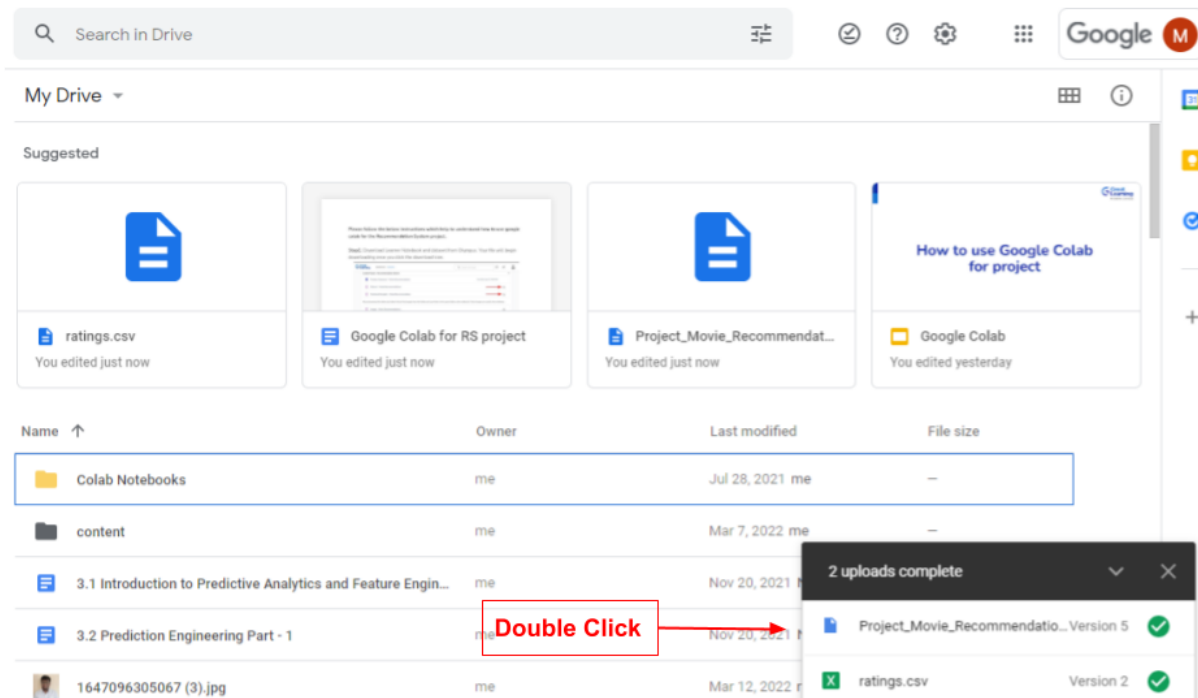


3. **Upload the files** that you downloaded from Olympus.



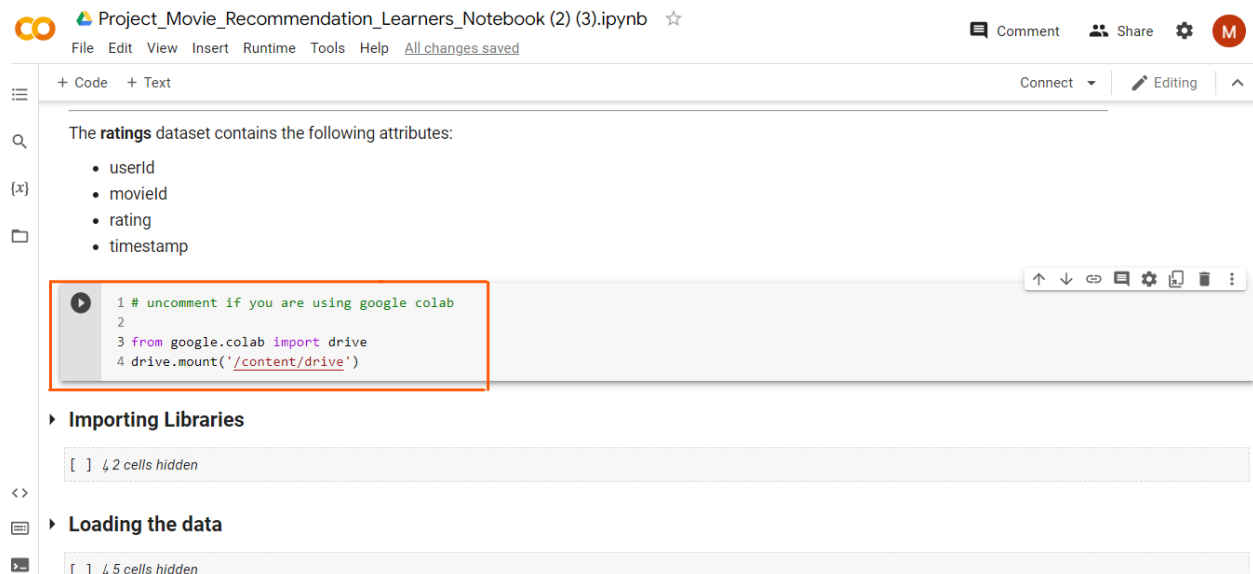
You'll see in the bottom right corner, that both files have been uploaded.

Step 3: Open the Colab Notebook from Google Drive by double-clicking on it.



Once you have double-clicked on the project notebook file, it should open up in a new window.

Step 4: Mount your Google Drive files by running the following code from the Notebook:



The screenshot shows the Google Colab interface for a notebook titled "Project_Movie_Recommendation_Learners_Notebook (2) (3).ipynb". The left sidebar contains icons for a menu, search, variables, and files. The main area displays the output of a previous cell: "The ratings dataset contains the following attributes:" followed by a list:

- userId
- movieId
- rating
- timestamp

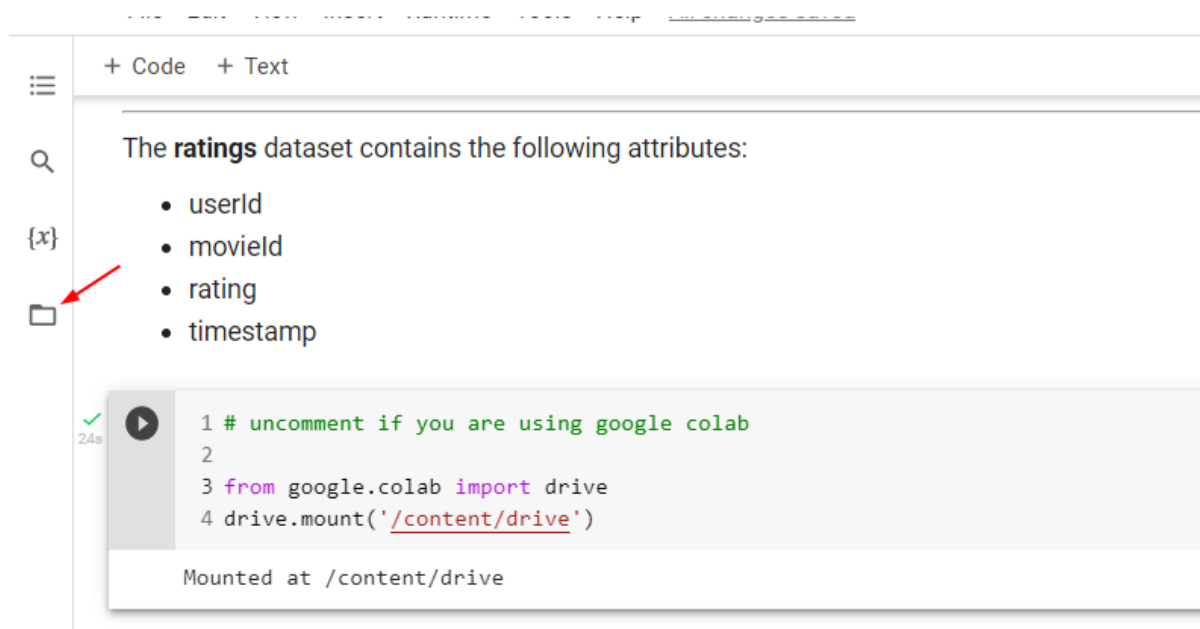
. Below this, a code cell is highlighted with an orange border. It contains the following code:

```
1 # uncomment if you are using google colab
2
3 from google.colab import drive
4 drive.mount('/content/drive')
```

 The bottom of the interface shows sections for "Importing Libraries" and "Loading the data", both with hidden cells.

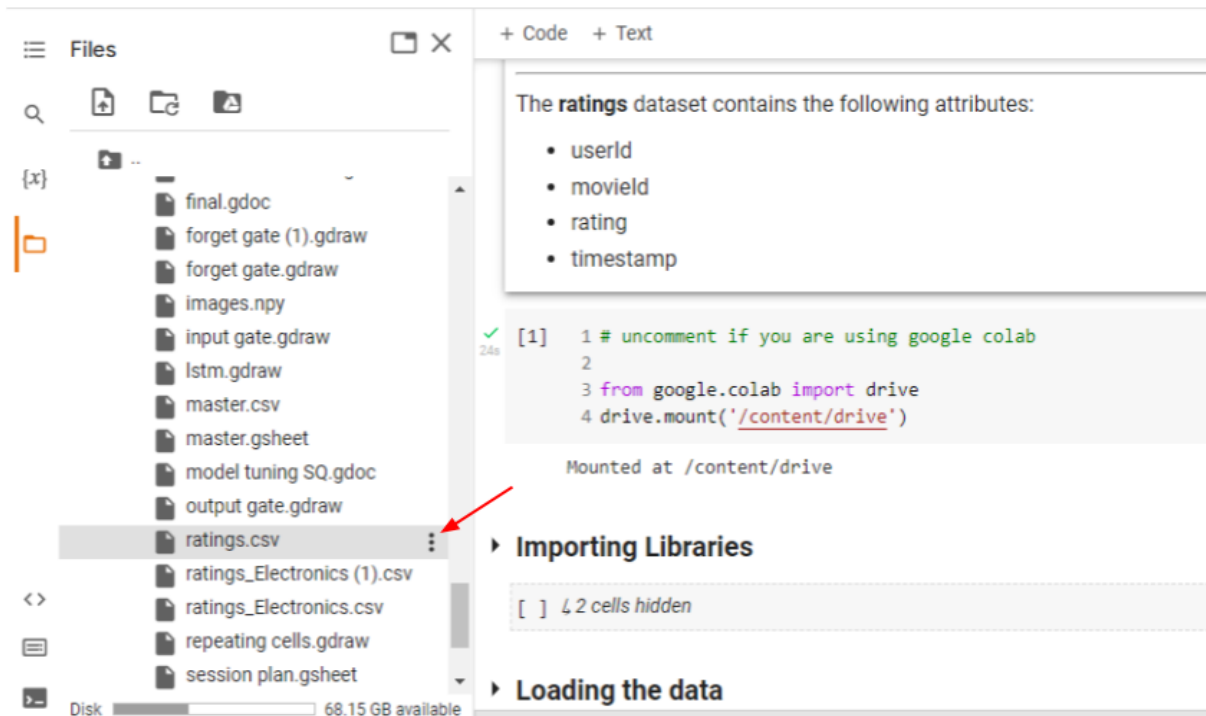
During the execution of this code, Google will ask your permission to connect to your Google Drive and ask to login with your Gmail account.

Step 5: Copy the dataset path. On the left-side panel of Google Colab, you should see a folder icon. Click on it.



This screenshot is similar to the previous one, showing the same ratings dataset attributes and code cell. However, a red arrow points to the folder icon in the left sidebar, indicating where to click to view the file explorer. The code cell is now executed, showing a green checkmark and the output "Mounted at /content/drive".

Over there, you will see the Drive folder. Under that, there should be a My Drive folder, which should contain the ratings.csv file just uploaded. Click on the three dots to the right of the file name.



The screenshot shows the Google Colab interface. On the left, the 'Files' pane displays a list of files and folders. The 'ratings.csv' file is highlighted, and a red arrow points to the three-dot menu icon to its right. The main area on the right shows the code editor with the following code:

```
[1] 1 # uncomment if you are using google colab
    2
    3 from google.colab import drive
    4 drive.mount('/content/drive')
```

Below the code, it says 'Mounted at /content/drive'. The output section shows the attributes of the 'ratings' dataset:

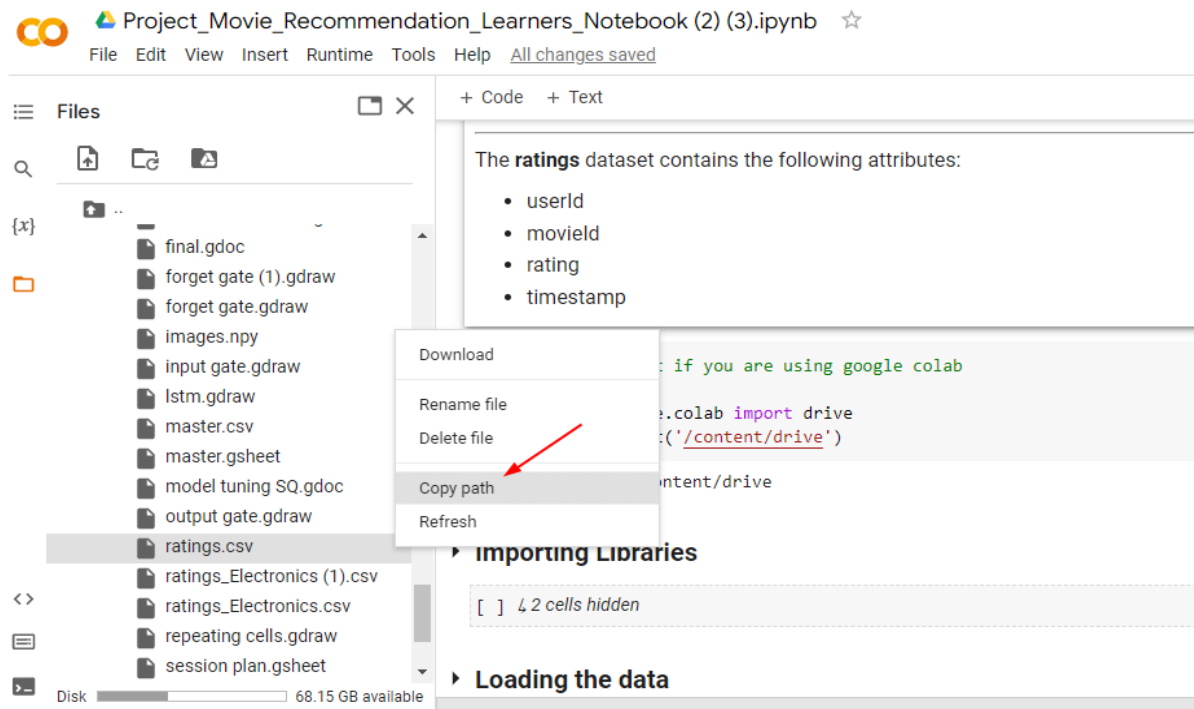
The **ratings** dataset contains the following attributes:

- userId
- movieId
- rating
- timestamp

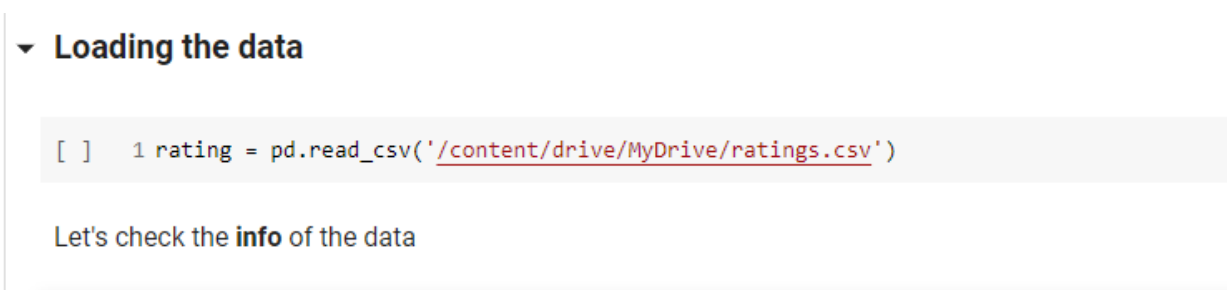
Below this, there are two sections: 'Importing Libraries' and 'Loading the data'.

Finally, after clicking on these three dots, you should see a dropdown of options.

Click on “**Copy path**” and then replace the path in your file.



So instead of ratings.csv, you would have the path of the file that has been copied and pasted from “Copy path”, as below.



With this, you should be good to proceed with the Recommendation Systems project.

Happy Learning!