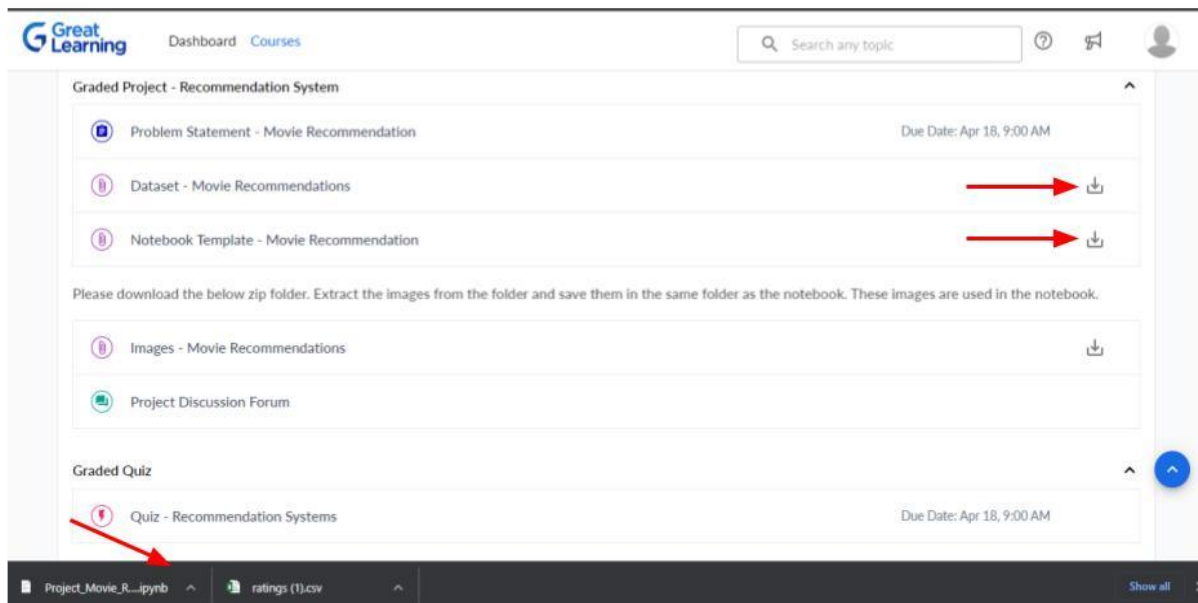


Instructions - Movie Recommendation System

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

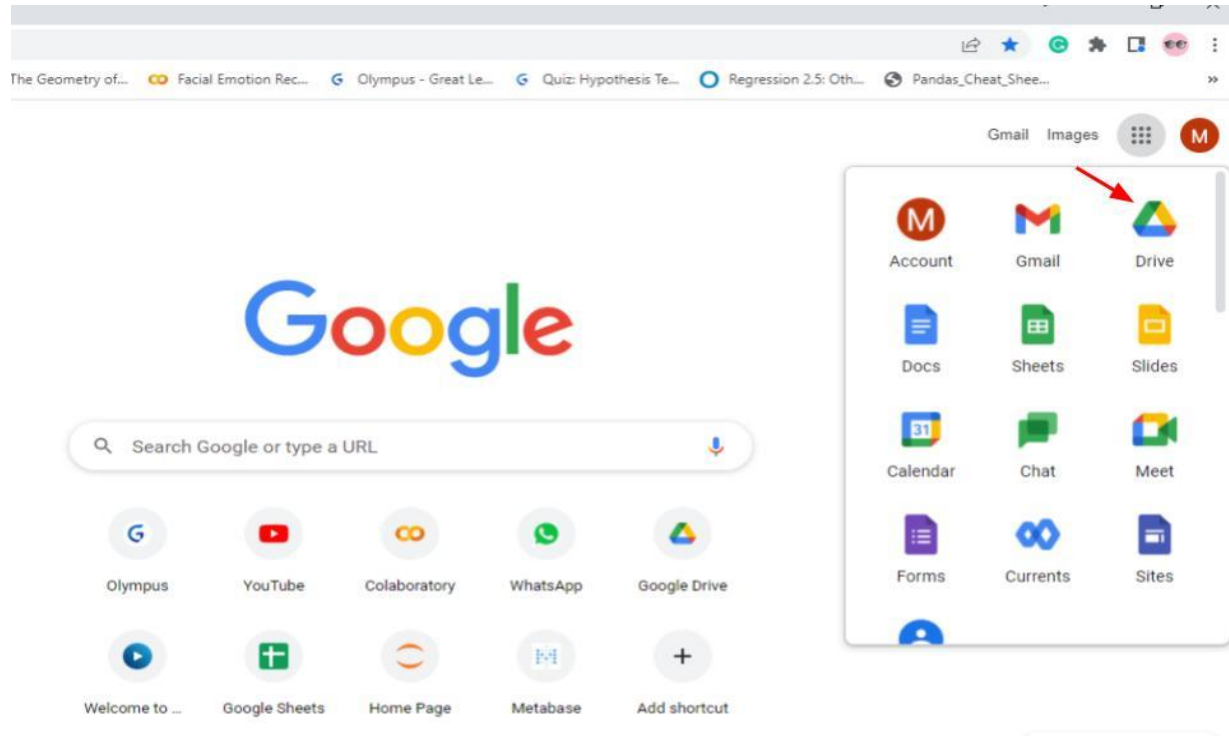
Step 1: Download the **Dataset** and the **Notebook Template** from Olympus. Your file will begin downloading once you click the download icon.



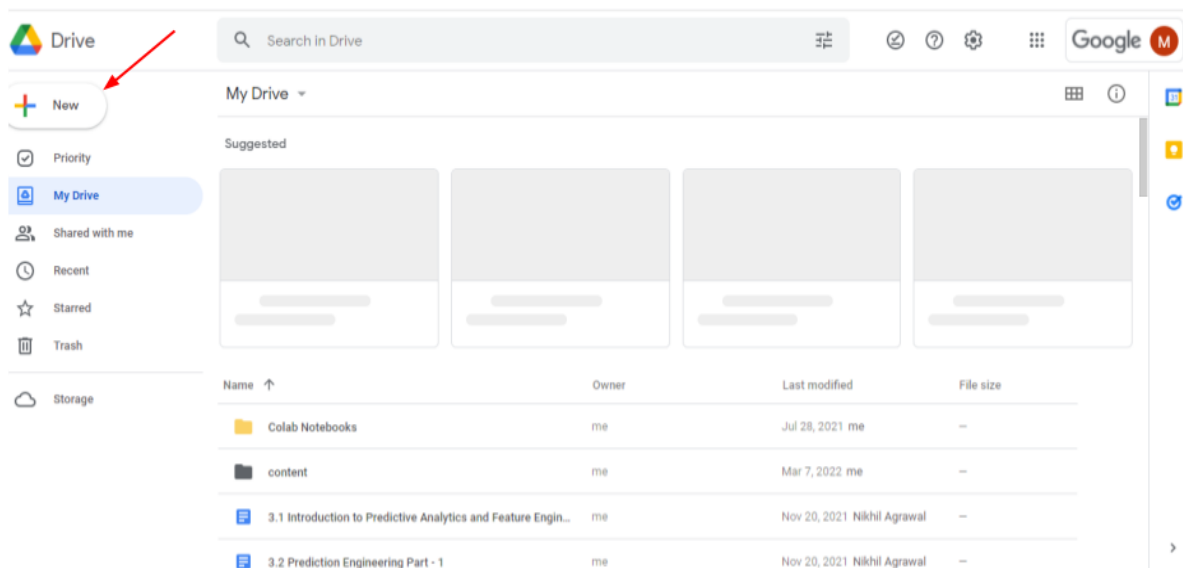
Step 2: Upload both files to Google Drive.

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

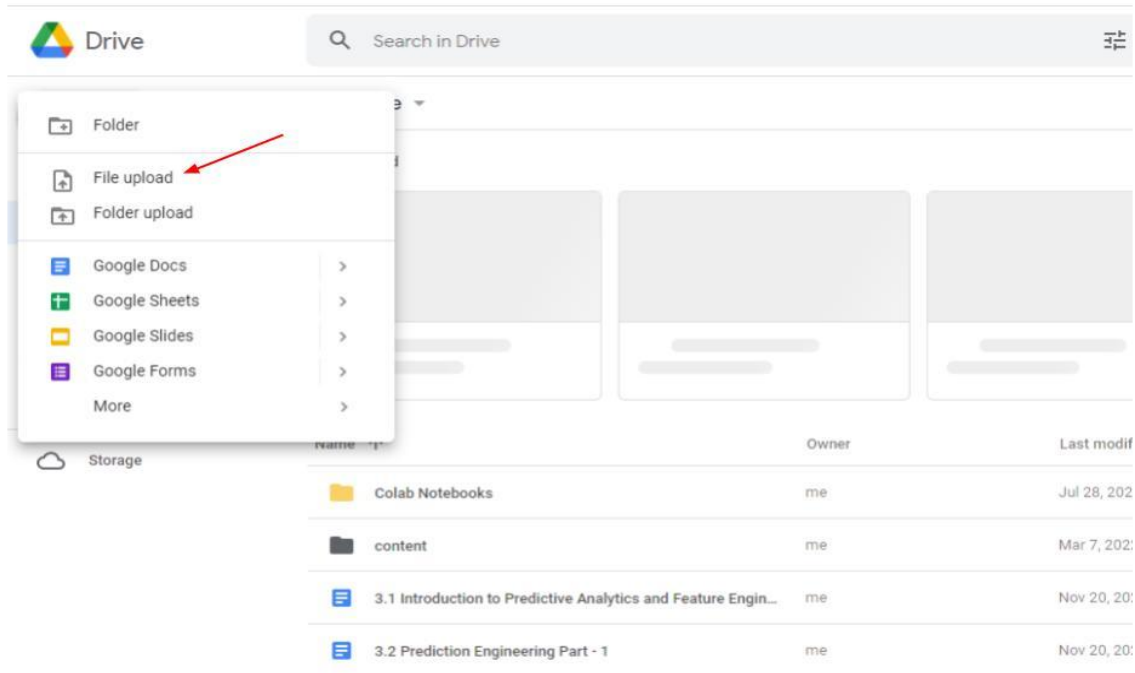
1. Open Google Drive



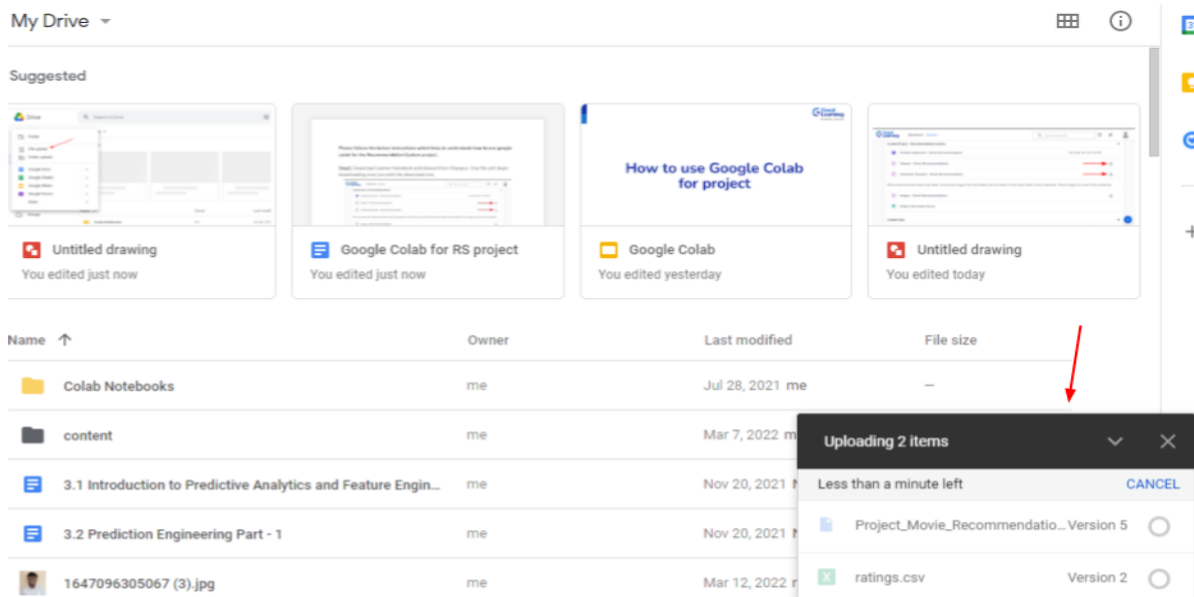
2. Click on the New button, as shown in the image



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

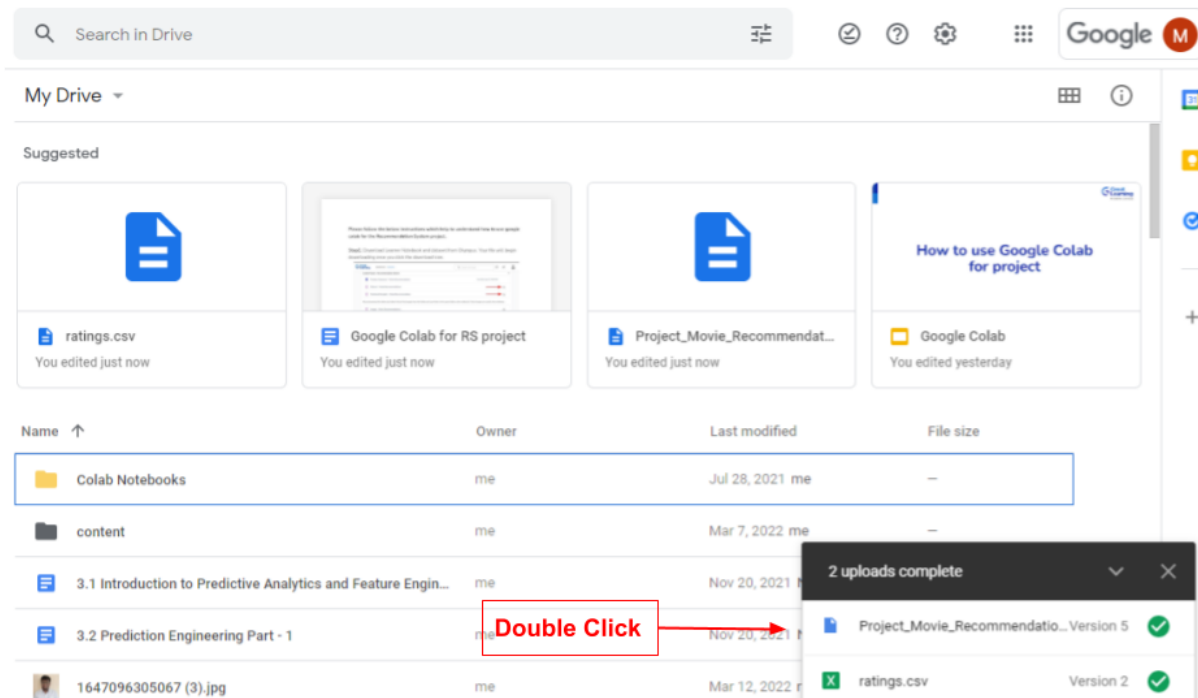


3. **Upload the files** that you downloaded from Olympus.



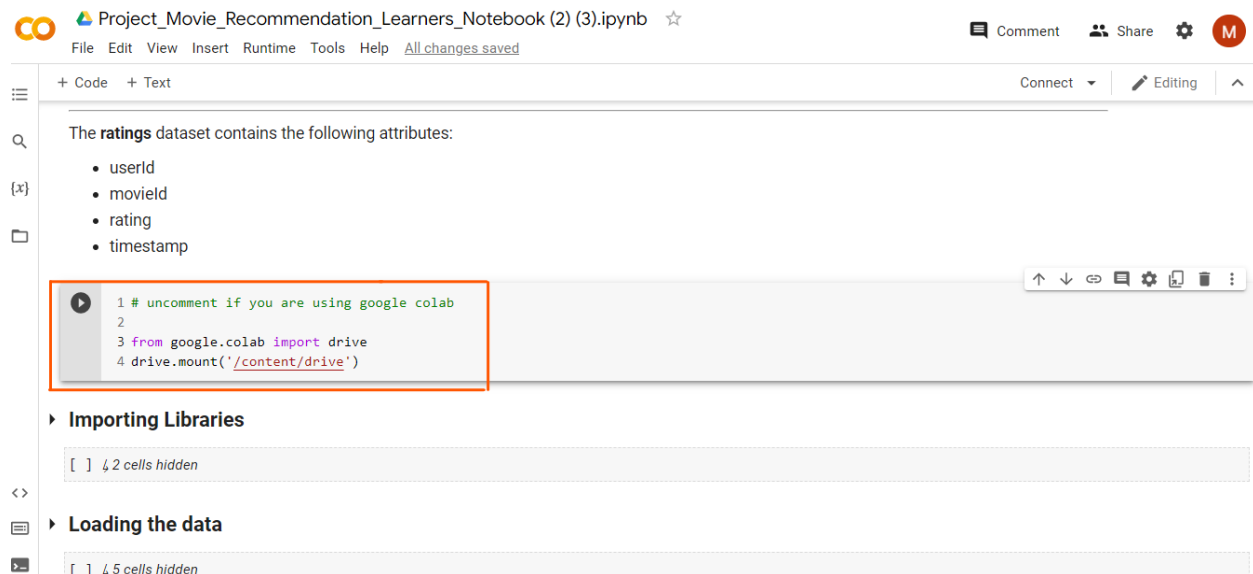
You'll see in the bottom right corner, that both files have been uploaded.

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 a Google Colab notebook titled "Project_Movie_Recommendation_Learners_Notebook (2) (3).ipynb". The left sidebar contains icons for a menu, search, variable viewer, and file explorer. The main area displays the text "The ratings dataset contains the following attributes:" followed by a bulleted list:

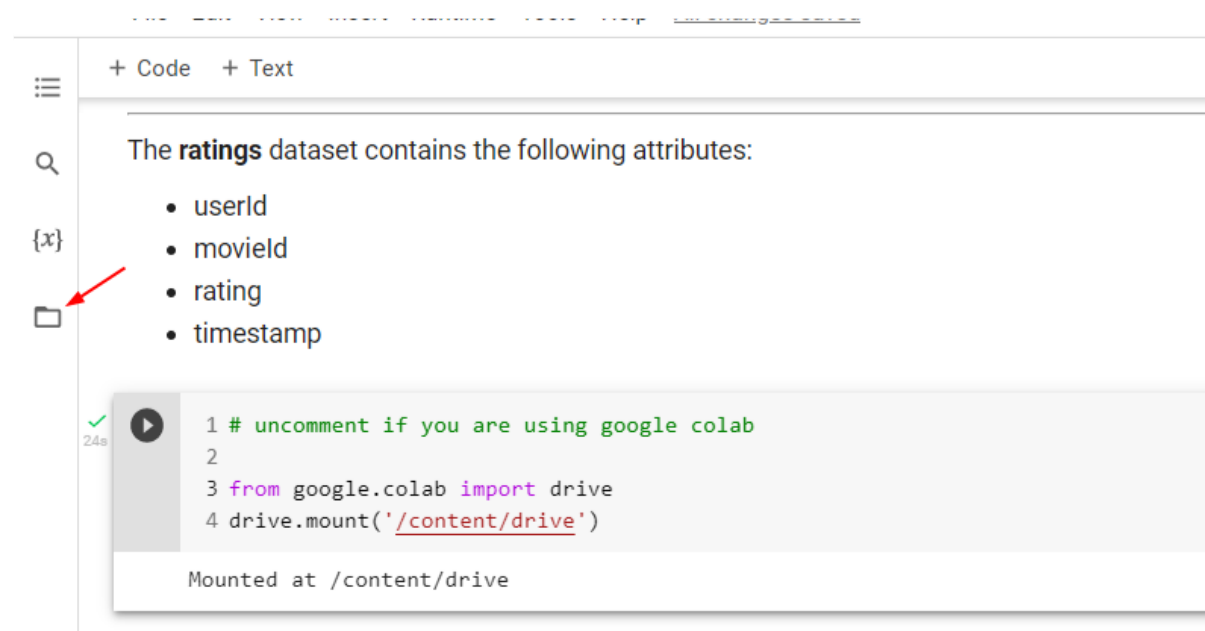
- userId
- movieId
- rating
- timestamp

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

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

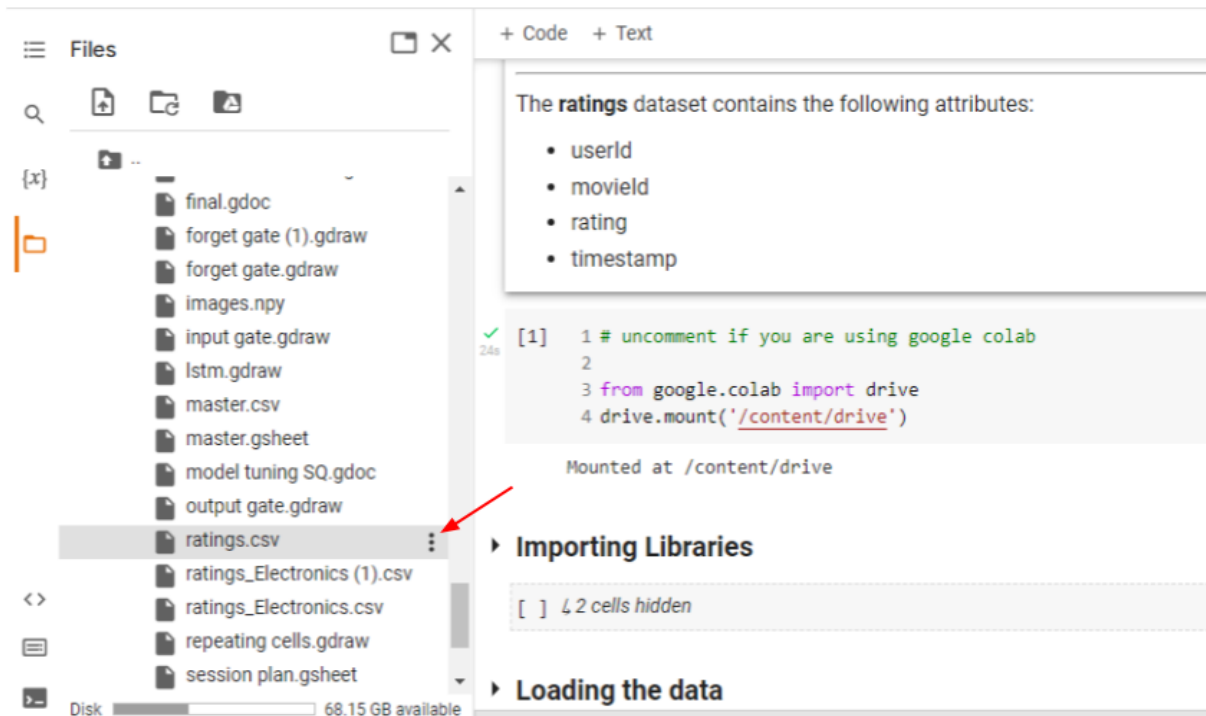
During the execution of this code, Google will ask your permission to connect to your Google Drive and ask to login with your Gmail account.

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



The screenshot shows the same Google Colab notebook interface as before, but with the code cell executed. A red arrow points to the folder icon in the left sidebar. The code cell now shows a green checkmark and the text "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 directory structure with a 'Drive' folder containing a 'My Drive' folder. The 'ratings.csv' file is highlighted, and a red arrow points to the three-dot menu icon to its right. The main code editor area shows the following content:

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

- userId
- movieId
- rating
- timestamp

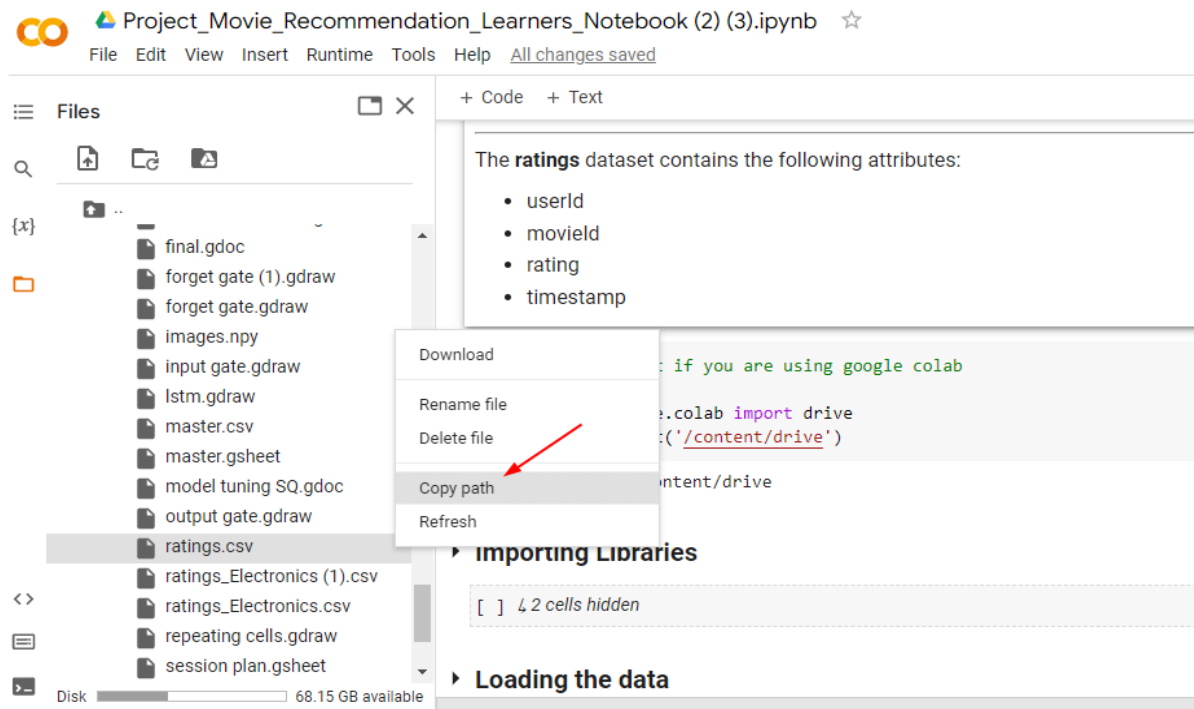
```
[1] 1 # uncomment if you are using google colab
    2
    3 from google.colab import drive
    4 drive.mount('/content/drive')
```

Mounted at /content/drive

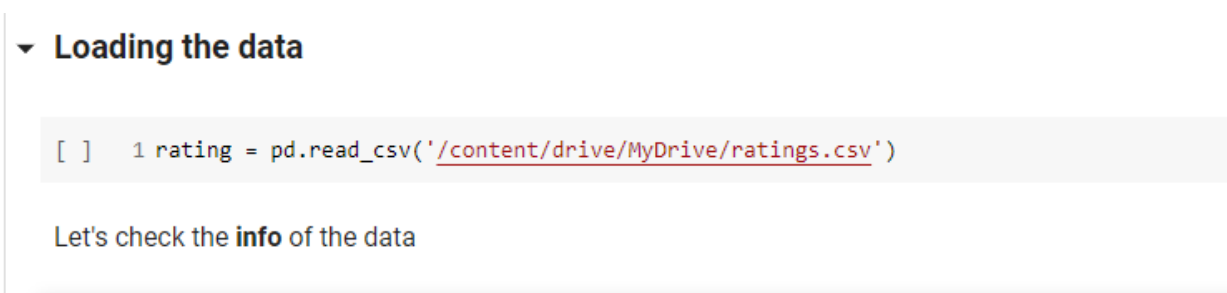
Below the code, there are two expandable sections: 'Importing Libraries' and 'Loading the data'. The 'Importing Libraries' section is currently expanded, showing a code cell with the text '[] 2 cells hidden'.

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!