Google Colab guide

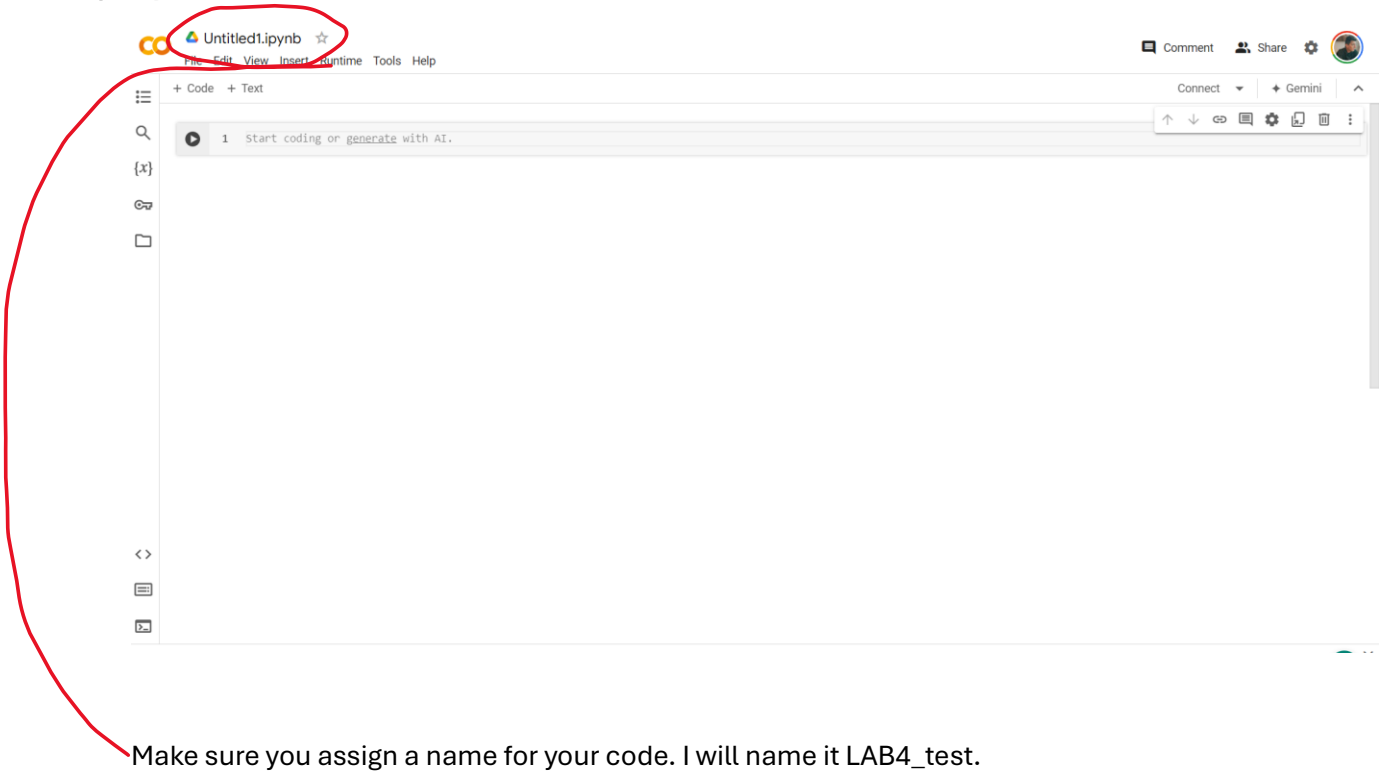
Hello Class,

Here is an overview of how to code lab 4 using Google Colab:

1) **You need to have a Google account and a Google Drive. To sign up use the following link:**

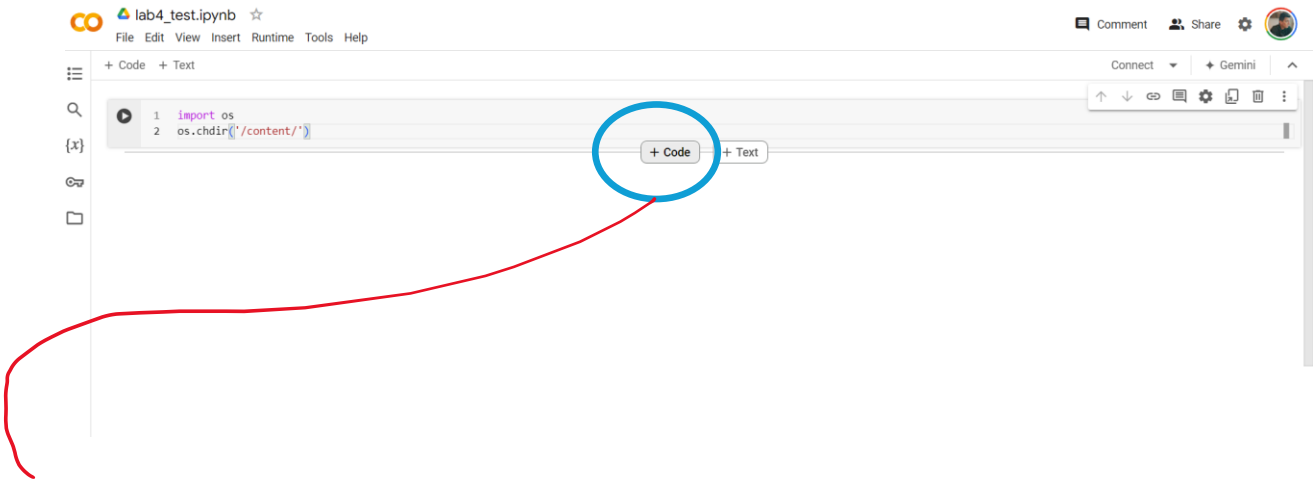
   https://colab.google/

2) **Open a new notebook:**

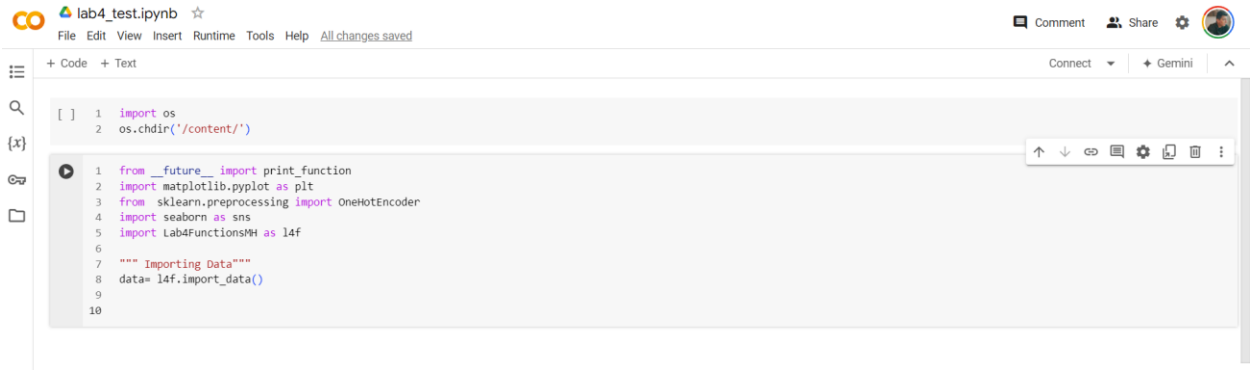


Make sure you assign a name for your code. I will name it LAB4_test.

3) Copy-paste your code in different sections:



You can add more cells (sections) for other parts of your code:

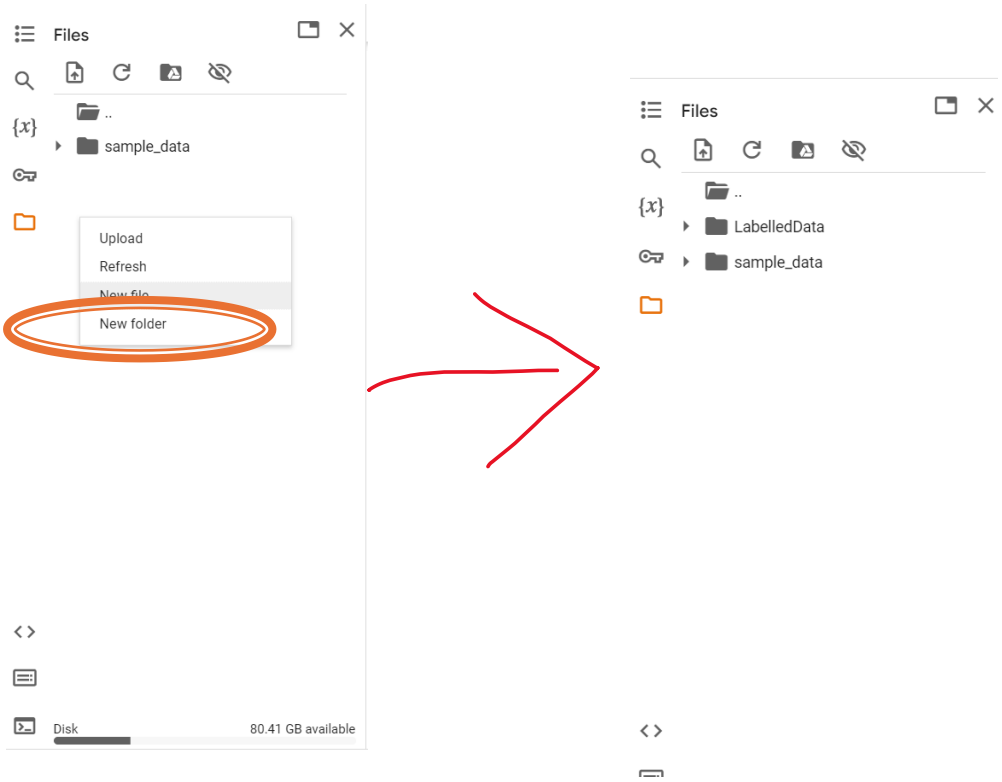


Above, I just created 2 cells. Make sure to drop in your whole code and section them. You can see above, that using the first cell, I force the code to run in my “content” directory. This is usually the only addition you need to add to your spyder code.

Files:

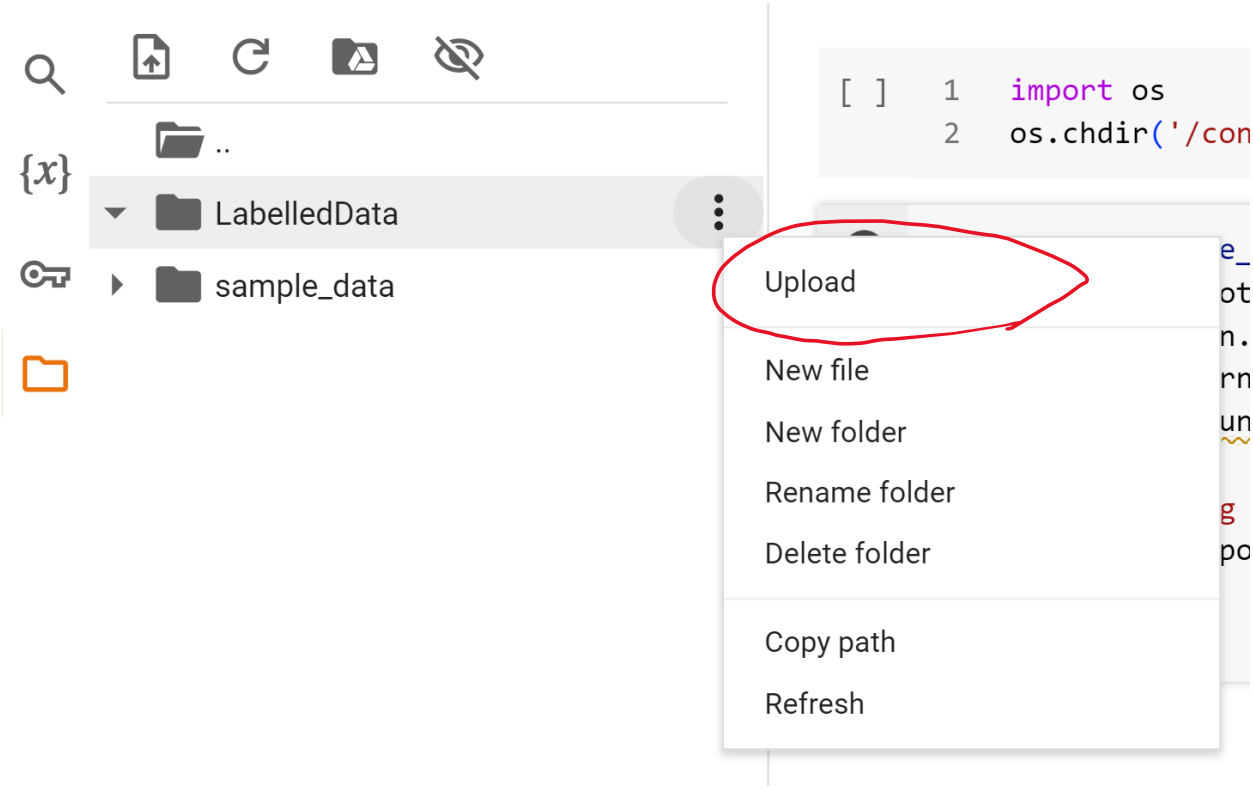
a. Click on the folder symbol:

b. Create a folder names “LabelledData”

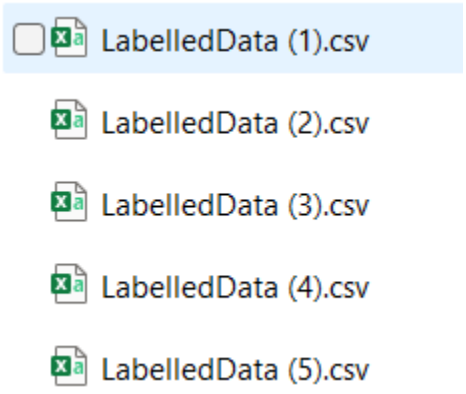


c. Upload your data:

i. LabelledData: upload all the labeled data from your class*



*NOTE: Make sure that your labeled data looks like the following. Please note that they are numbered with "LabelledData" followed by a space and a number in parentheses. Lab4functionsMH, only works with this system. If your files are named differently (ie. "LabelledData1") you need to change all of them to the following format.



After a successful upload, it would look like this

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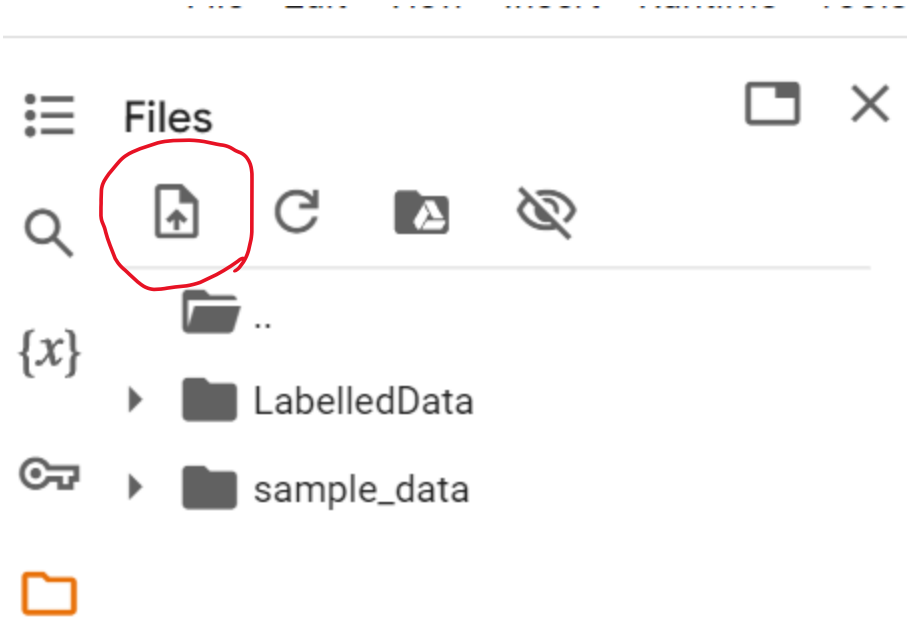
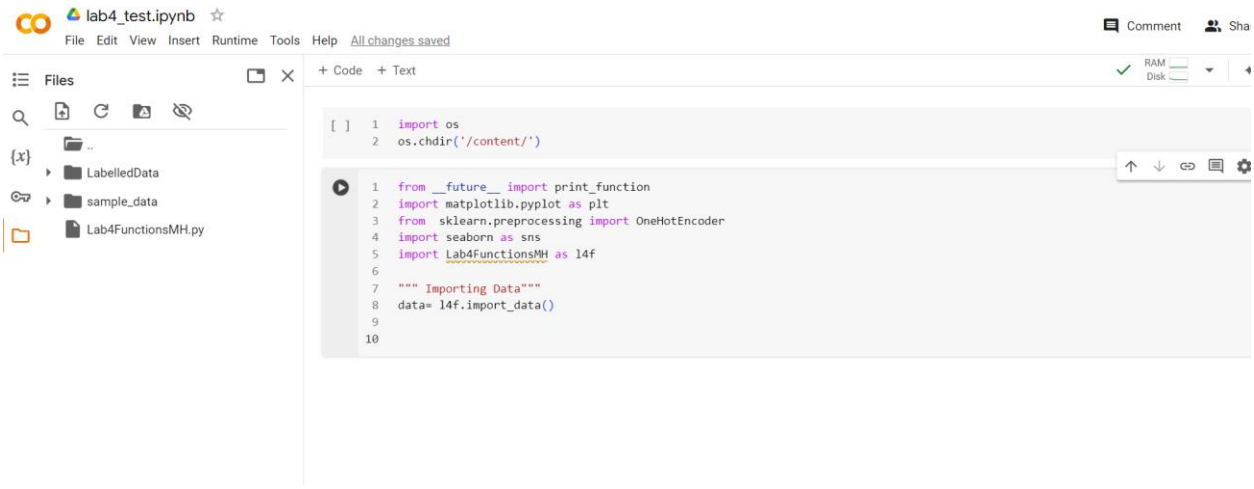
ii. Upload lab4functionMH:

After uploading your labelled data in its corresponding folder, you should upload your lab4functionMH as follows:



You should now have your Colab setup like this:

NOTE: I did not copy the rest of my code here yet but you should copy them either in one big cell or break them down to some cells.



Now you can run each cell using the play button right beside them.

Before:

After:

Same goes for other cells:

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I hope this can help you somewhat to proceed with your assignments.

Cheers,

Milad