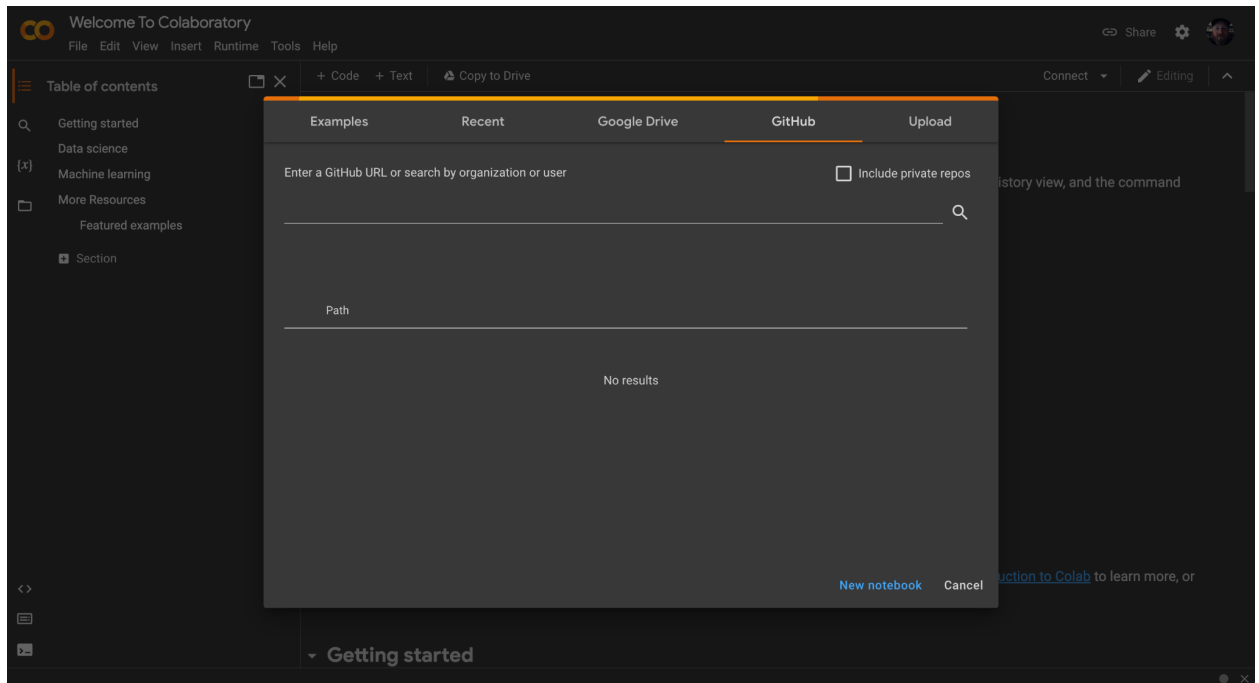
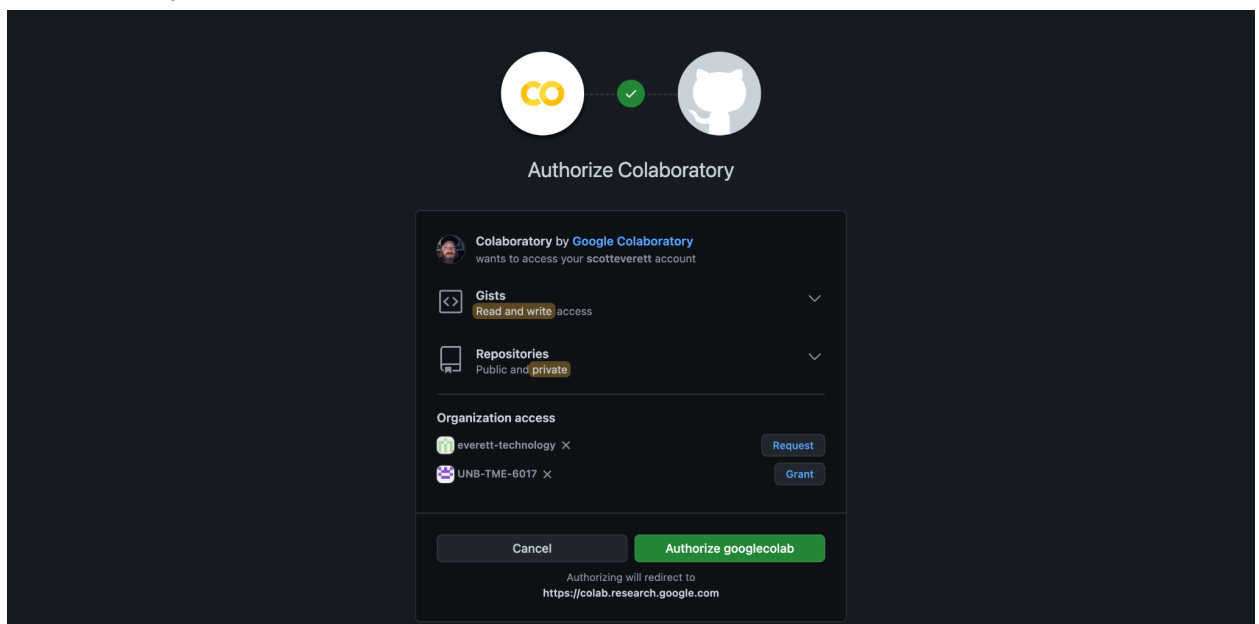


Connecting to Google Colab with GitHub

1. Go to <<https://colab.research.google.com>>. This will prompt you to login, and then take you to this screen. If a starter notebook opens Click on File > Open notebook.

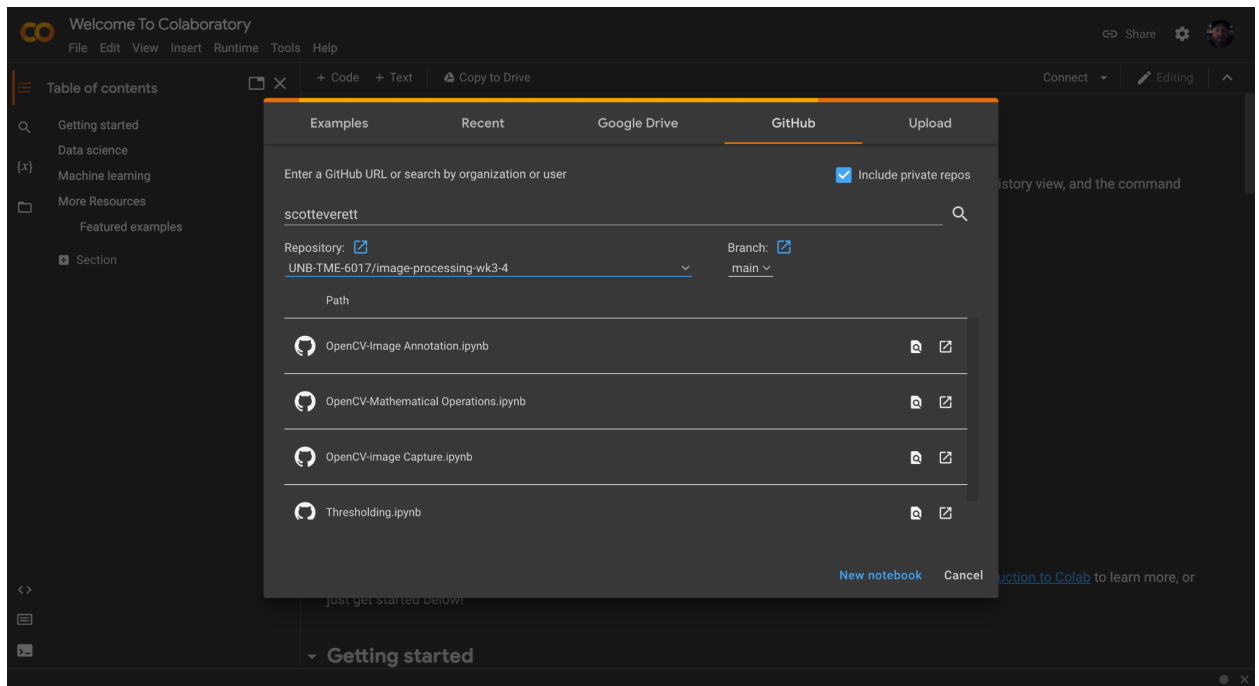


2. Click on the GitHub Tab and select the private checkbox. This will prompt you to authenticate your GitHub account.



3. Select the organization you want to grant access to, and then select 'authorize googlecolab'

4. Enter/Find the URL of the repository you want to open in Colab

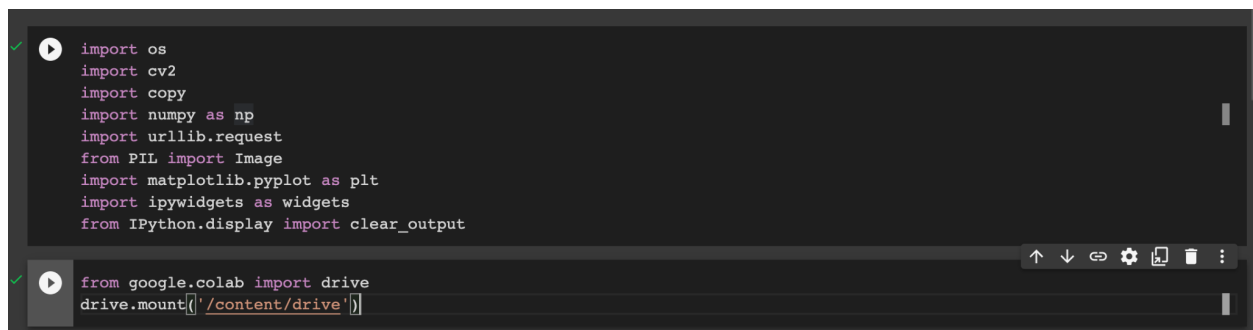


5. Select the notebook you want to open or create a new notebook.

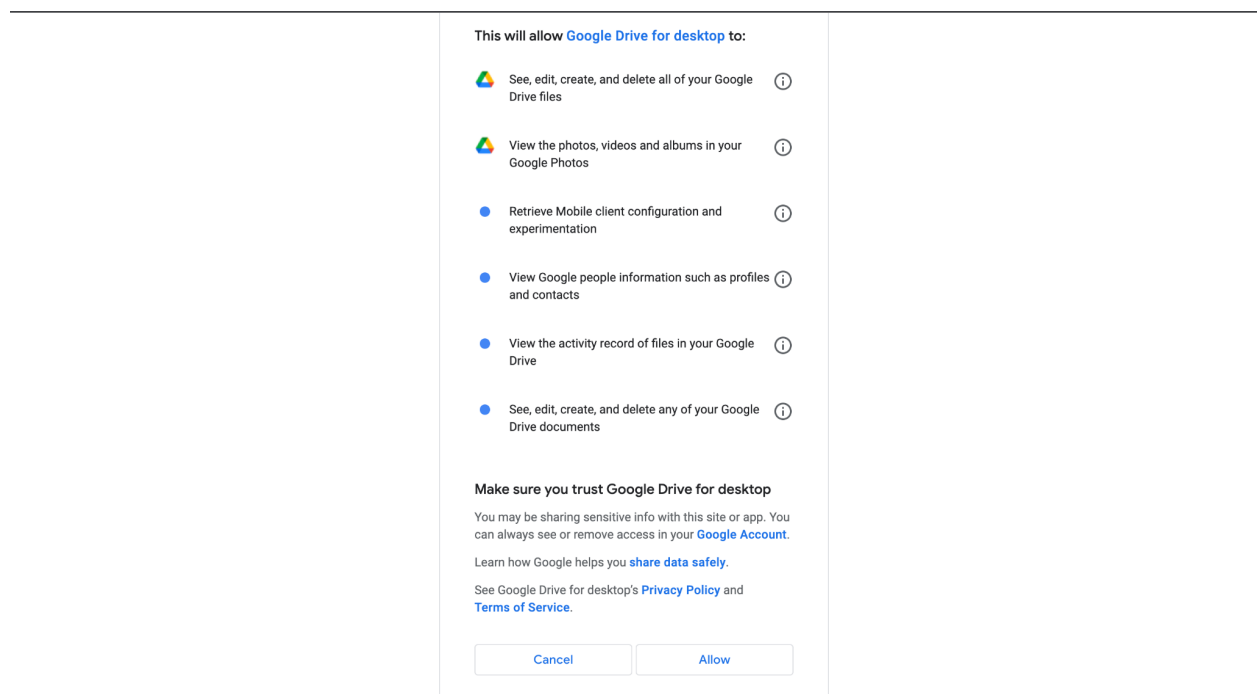
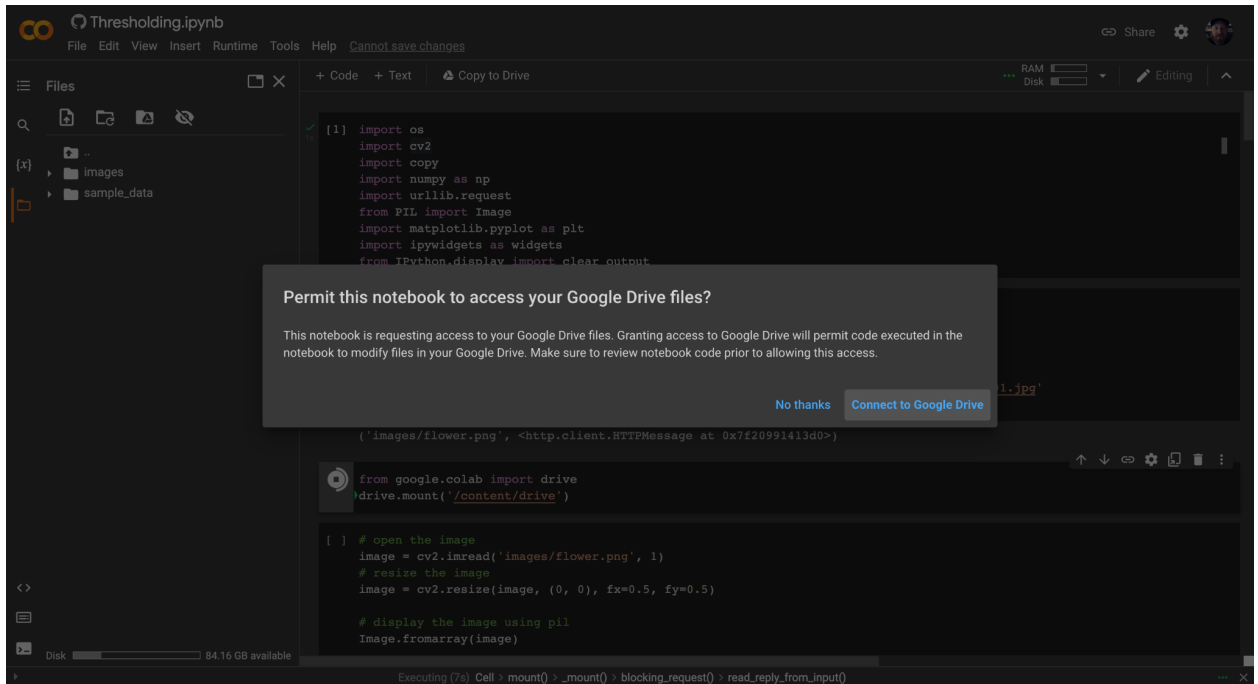
Mounting Google Drive in Google Colab

In order to access files in Google Drive, you need to mount your Google Drive to the virtual machine that is running Colab. This is done by running the following code snippet:

```
from google.colab import drive  
drive.mount('/content/drive')
```

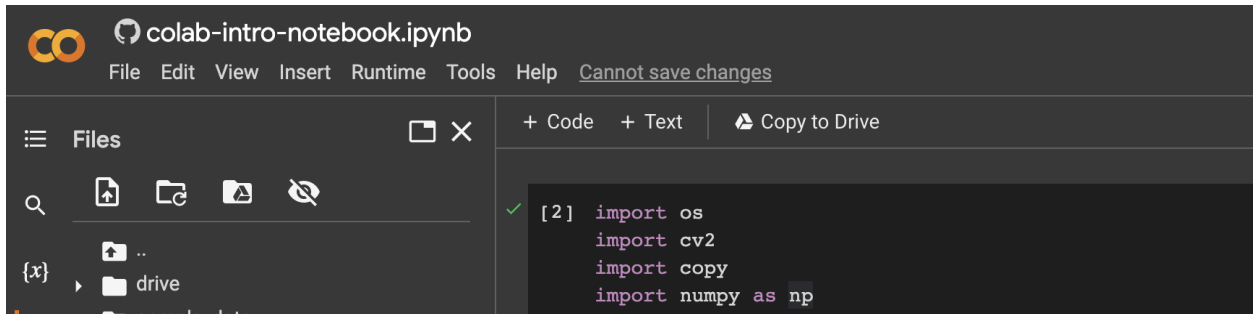


This will prompt you to authenticate your Google account and grant Colab access to your Google Drive.



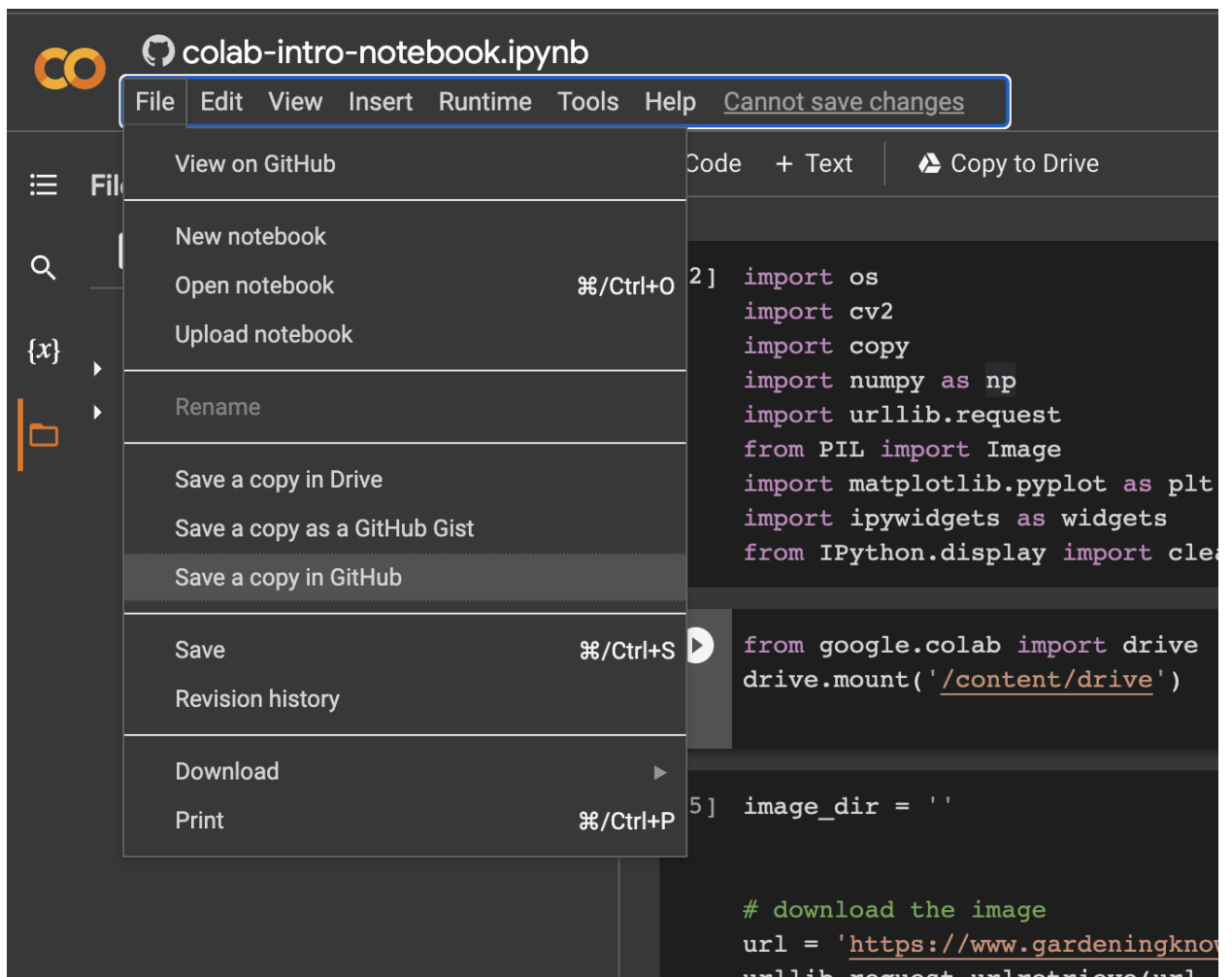
Saving Notebook in GitHub

As you make changes to a notebook in Colab, you'll notice that it will not autosave (Cannot Save Changes)

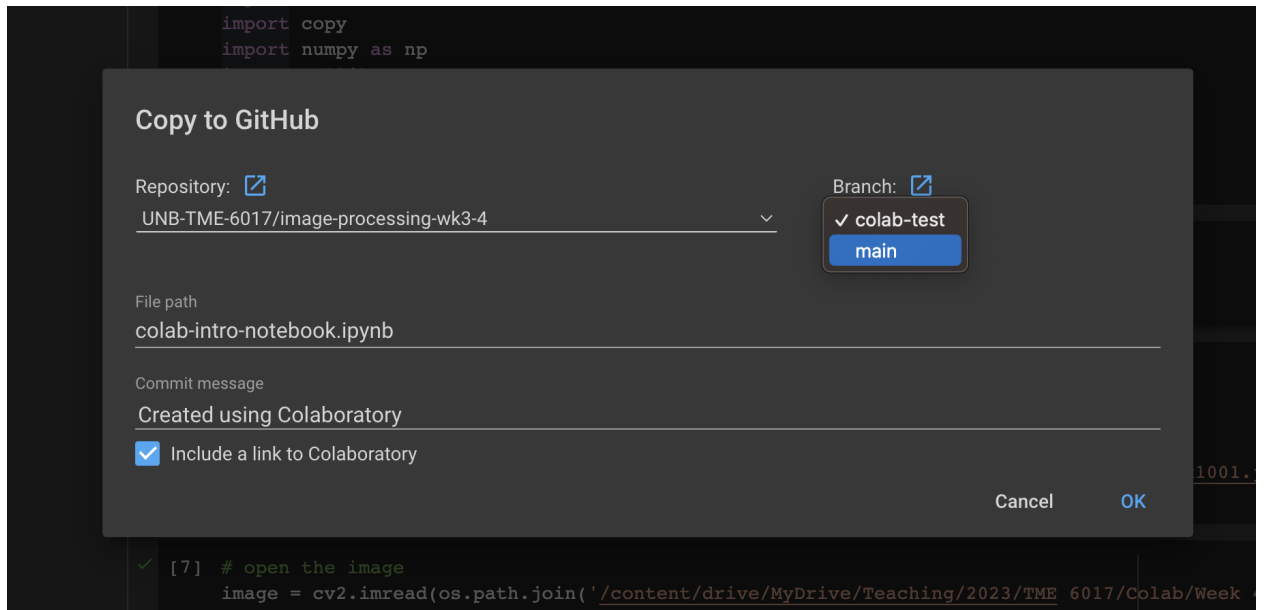


To save the notebook in your GitHub repo:

1. Select File > Save a copy in GitHub



2. Choose the repository and branch that you would like to save it to. (I would recommend creating a separate branch in GitHub for the colab work, and merging into the main branch when complete, but this is optional). **Note:** This will create a new commit on that branch with a copy of the updated notebook.



It is also possible to save a copy in your Google Drive, which will allow autosaving, however, don't forget to save a final copy to your GitHub repository before submitting any work.