

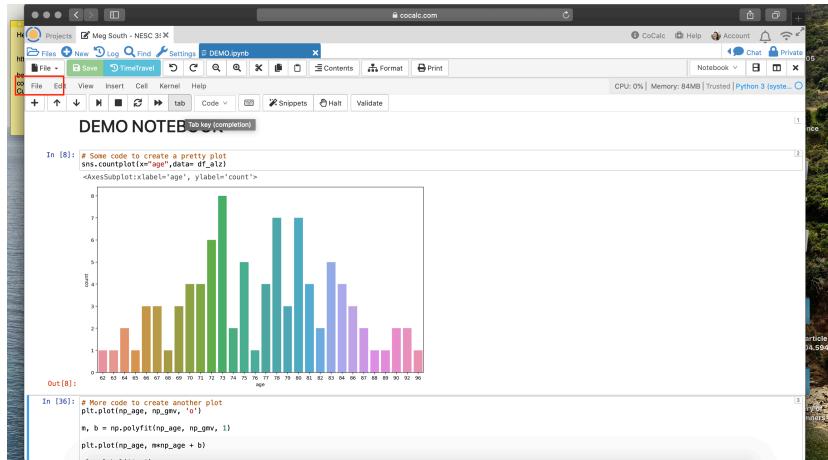
# Downloading Markdown Files Using Safari and Fixing Image Issues on GitHub

Some of my issues I had when creating my portfolio for the first submission was not being able to figure out how to make my graphs and images show up in Github as well having issues with downloading my markdown files using Safari. For that submission I used Google Chrome as it was easier for me to download my markdown files as I was able to follow the instructions that Aaron gave in his tutorial, however this was what lead me to my issues with my images.

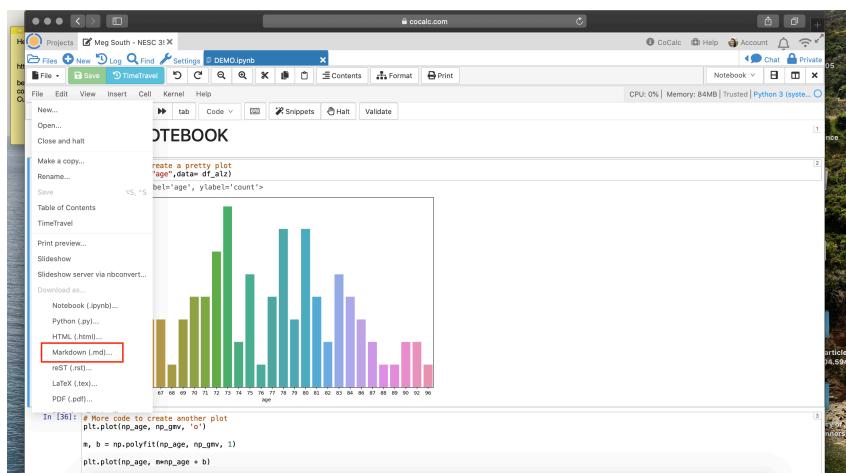
After spending sometime figuring out CoCalc and how downloading files, I have figured out a pretty straightforward way to download markdown and .png files from CoCal using Safari as your browser.

## Downloading Files Using Safari

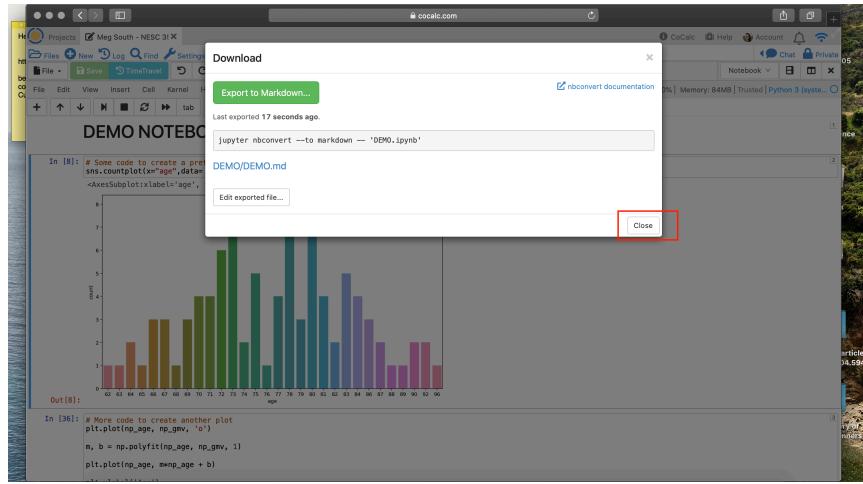
1. So first step is to go to File and click and a dropdown menu should appear.



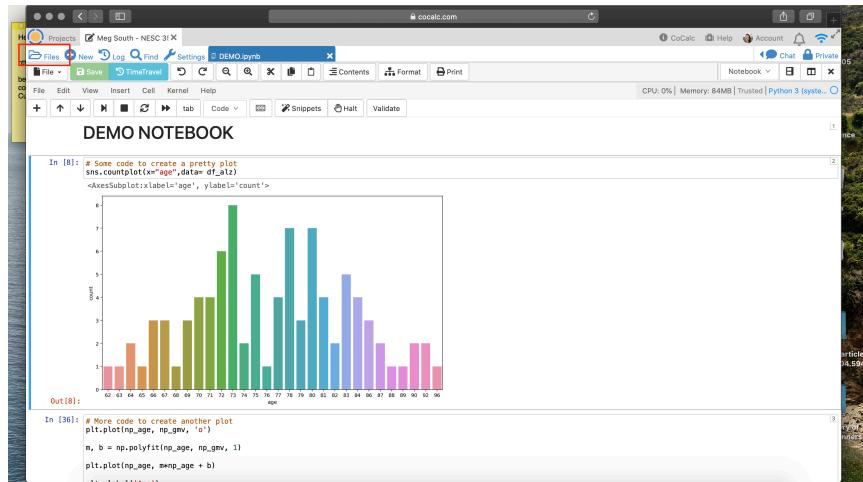
2. Next, go down to the Download as ... section and click Markdown(.md)...



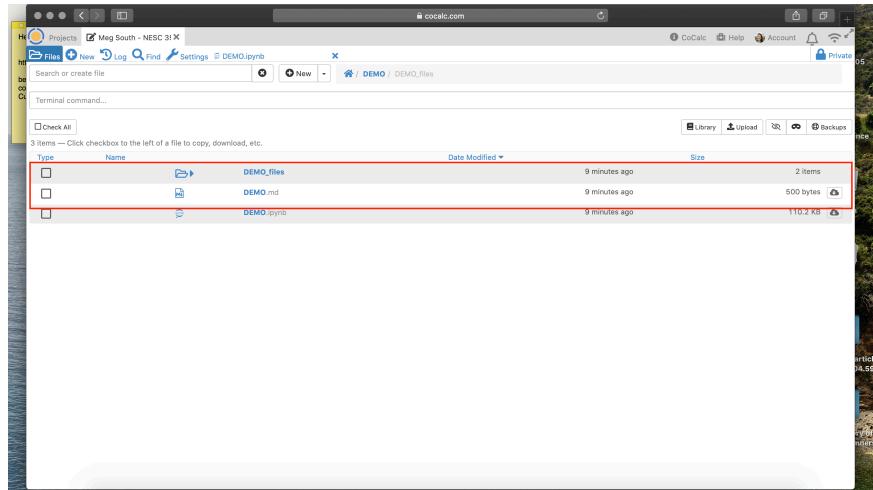
3. Next, a box will appear informing you about your markdown file, it may take a couple of seconds for the actual file (text in light blue) to show up, but once that has you can then close that window.



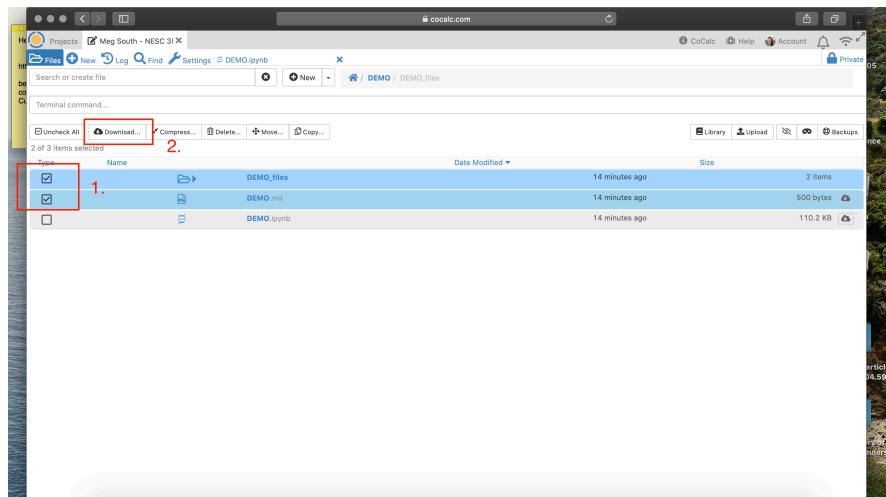
4. Next, you will then want to return to your main files section in CoCalc.



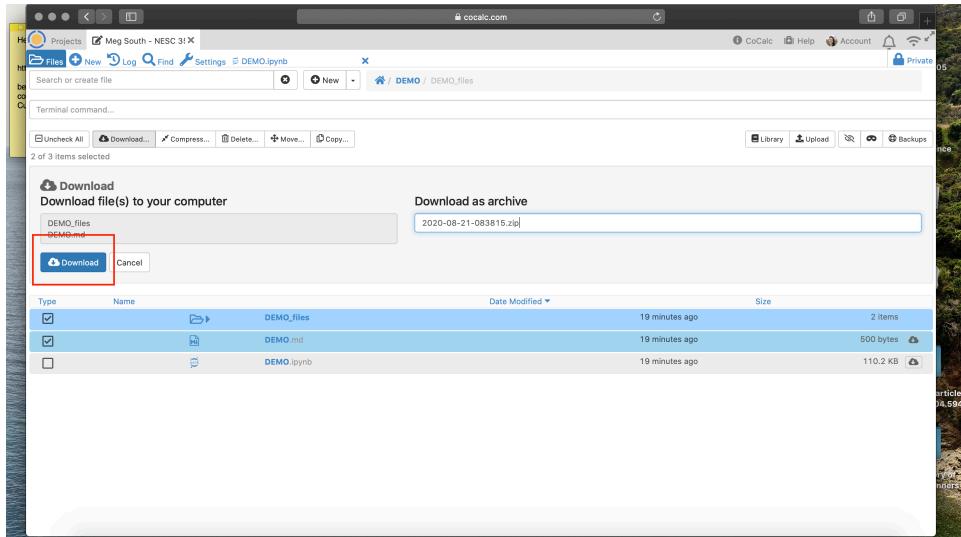
5. You can now see the new files that were created in your main files section.



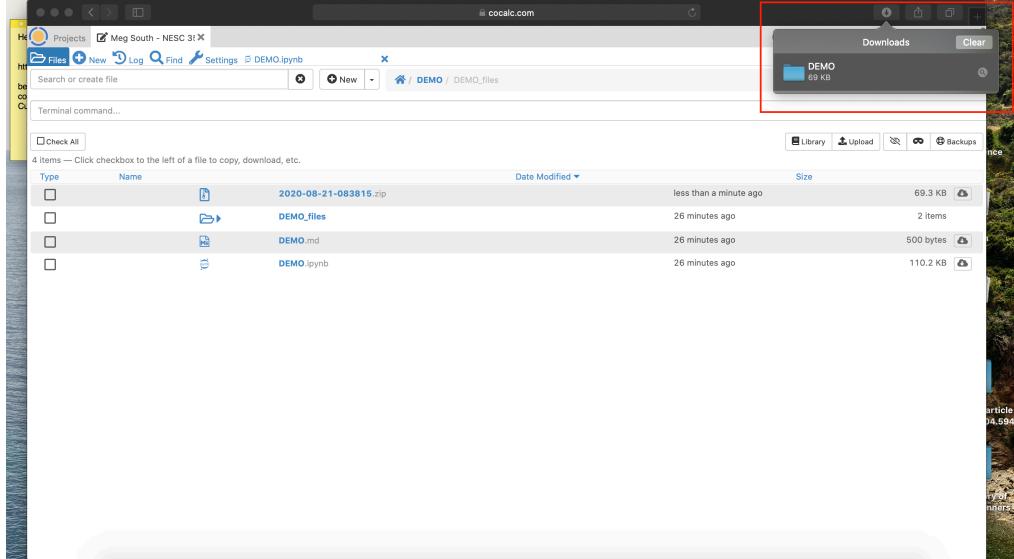
6. Next, to download your files you are going to have to click on the checkboxes to select the file you want to download (1.), then the option to download should appear (2.).



7. Next, click Download to download your files. This method will download your files as a .zip archive. If you are not comfortable with .zip archives and using them, you can download each file individually, it will just take more time.

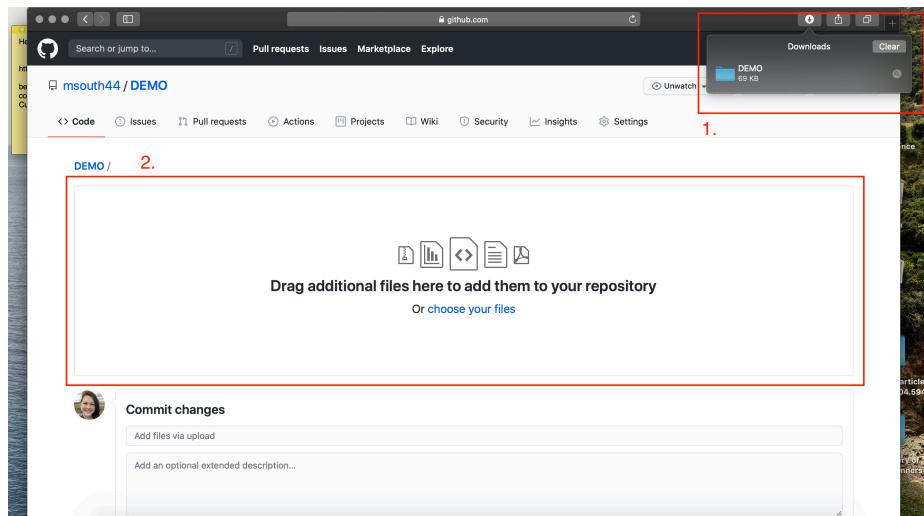


8. Your files should now be available in your download area on your Safari browser

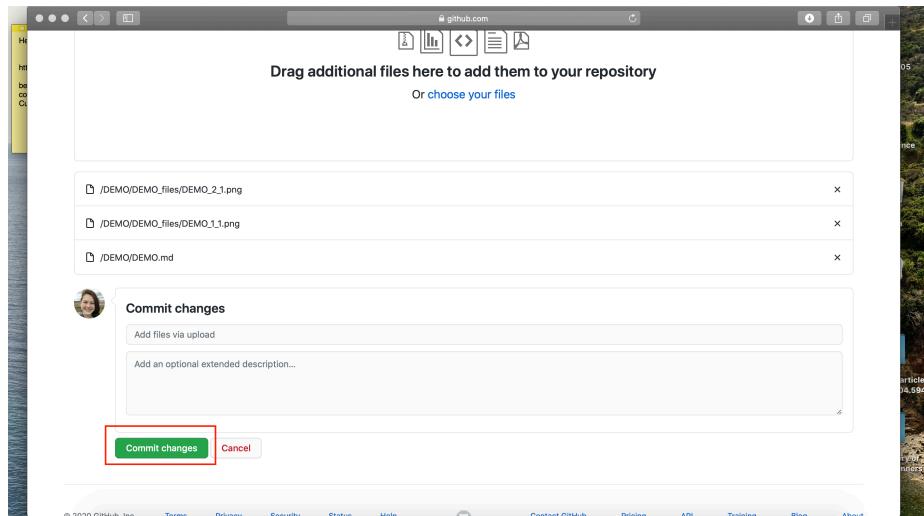


## Fixing .png and Images on GitHub

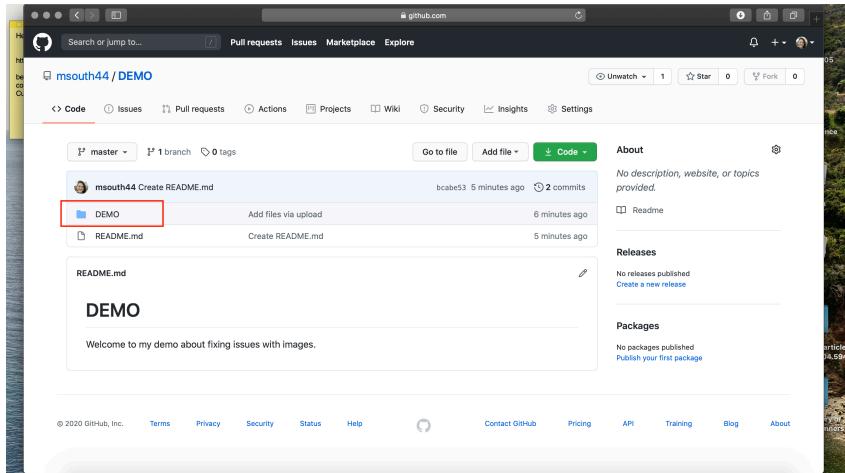
1. So first step is to upload your files to you GitHub repository. You're going to go up to your download section on your Safari browser (1.) and then click and drag your files the file area on your screen (2.).



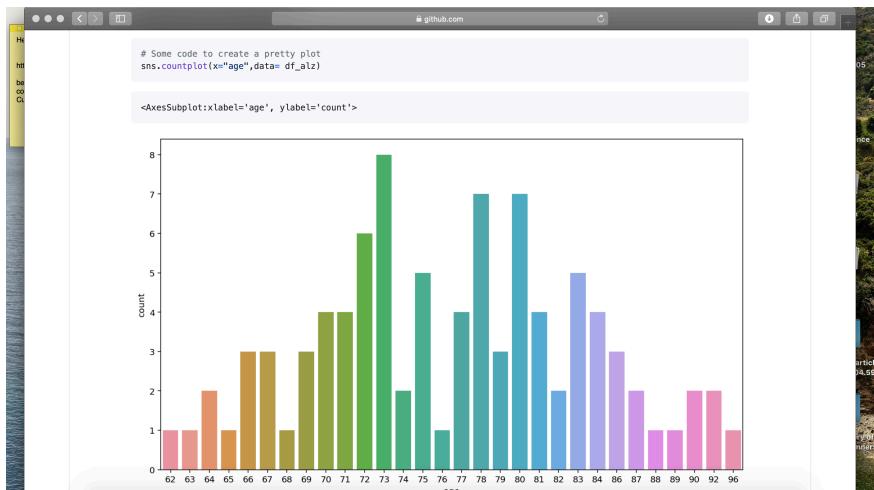
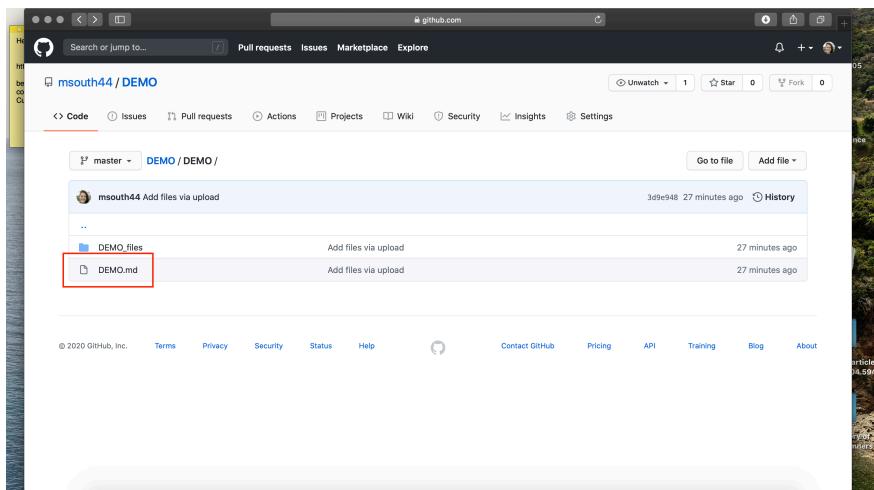
2. Next, once your files have uploaded you will then want to commit your changes to your repository.



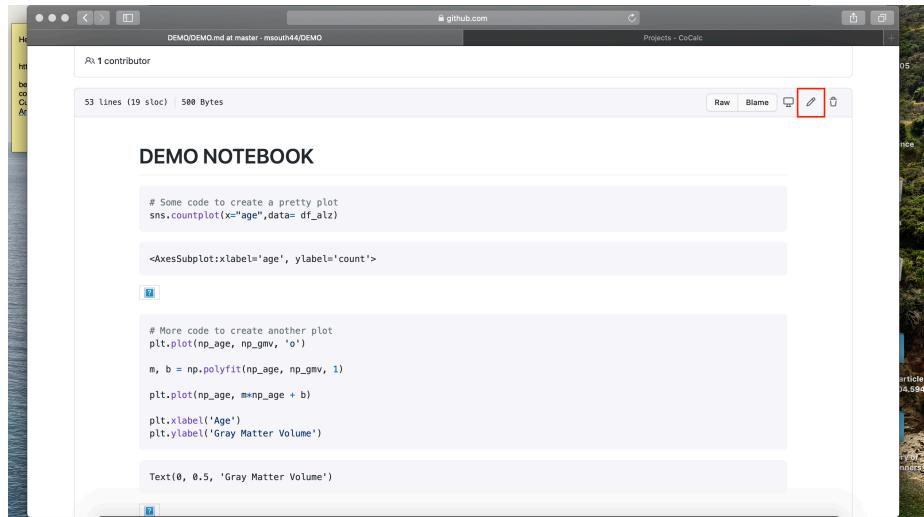
### 3. Your files should now be part of your repository.



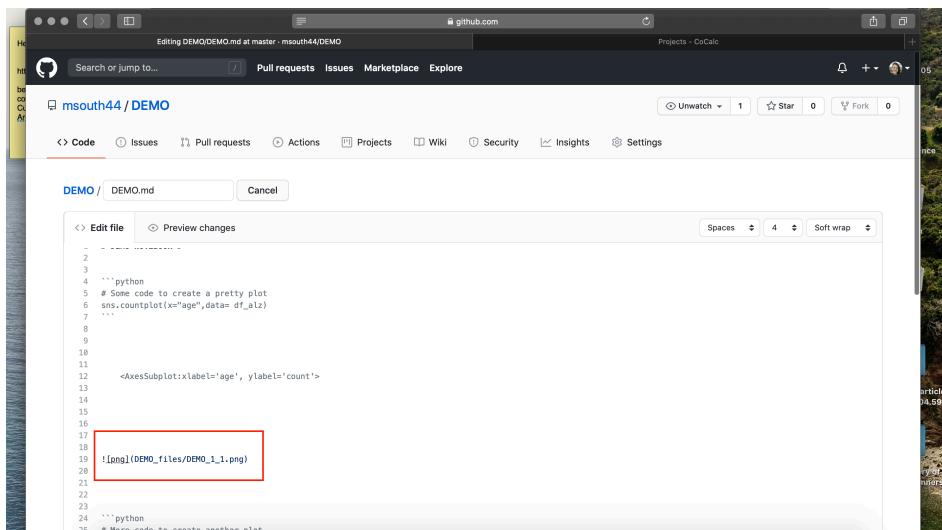
### 4. If you click on you markdown file, you should have no issue seeing your images if you downloaded your files as a zip archive



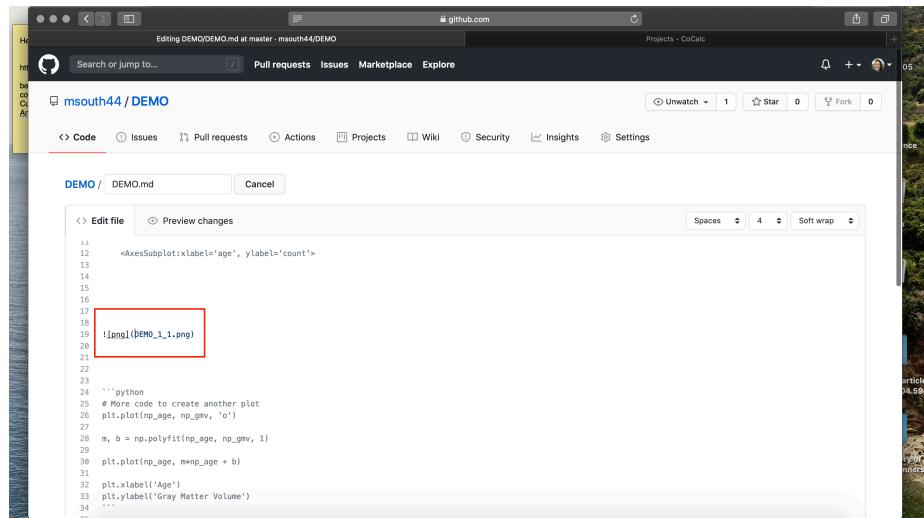
5. If you downloaded each file individually, you may have issues with your images. This is an easy fix done by editing your markdown file. First step it to go to the edit tool and click on it.



7. Next, you want to scroll down to where you see the code for your image.

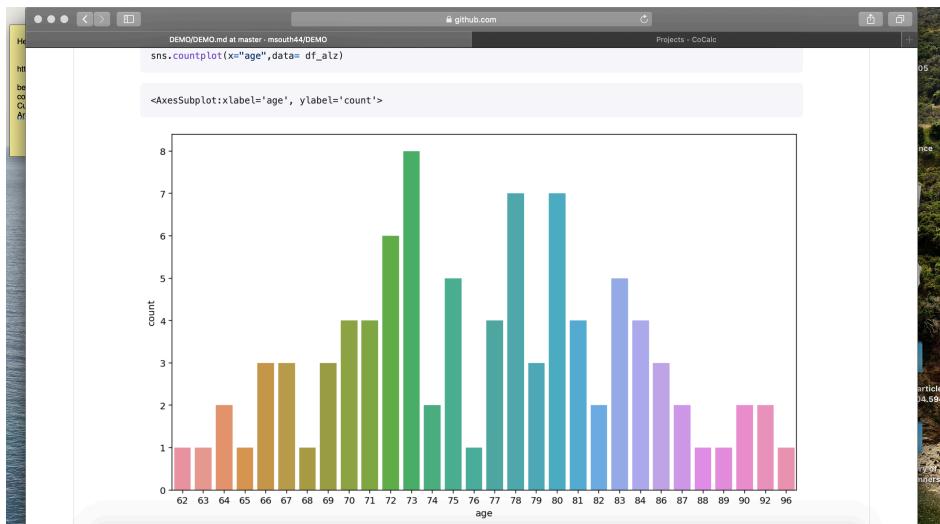


8. The issue with why your images are not showing up is that the code is listing the working directory that was used during CoCal and if you did not download all the files together, this working directory no longer exists. To fix this all you have to do is delete a little bit of code.



```
14
15     <AxesSubplot:xlabel='age', ylabel='count'>
16
17
18     !image(DEMO_1_1.png)
19
20
21
22
23
24     ``python
25     # More code to create another plot
26     plt.plot(np_age, np_gmv, 'o')
27
28     m, b = np.polyfit(np_age, np_gmv, 1)
29
30     plt.plot(np_age, m*np_age + b)
31
32     plt.xlabel('Age')
33     plt.ylabel('Gray Matter Volume')
34
```

9. Once you commit the changes, you should have pretty images.



Let me know if you have any questions about about this process.

