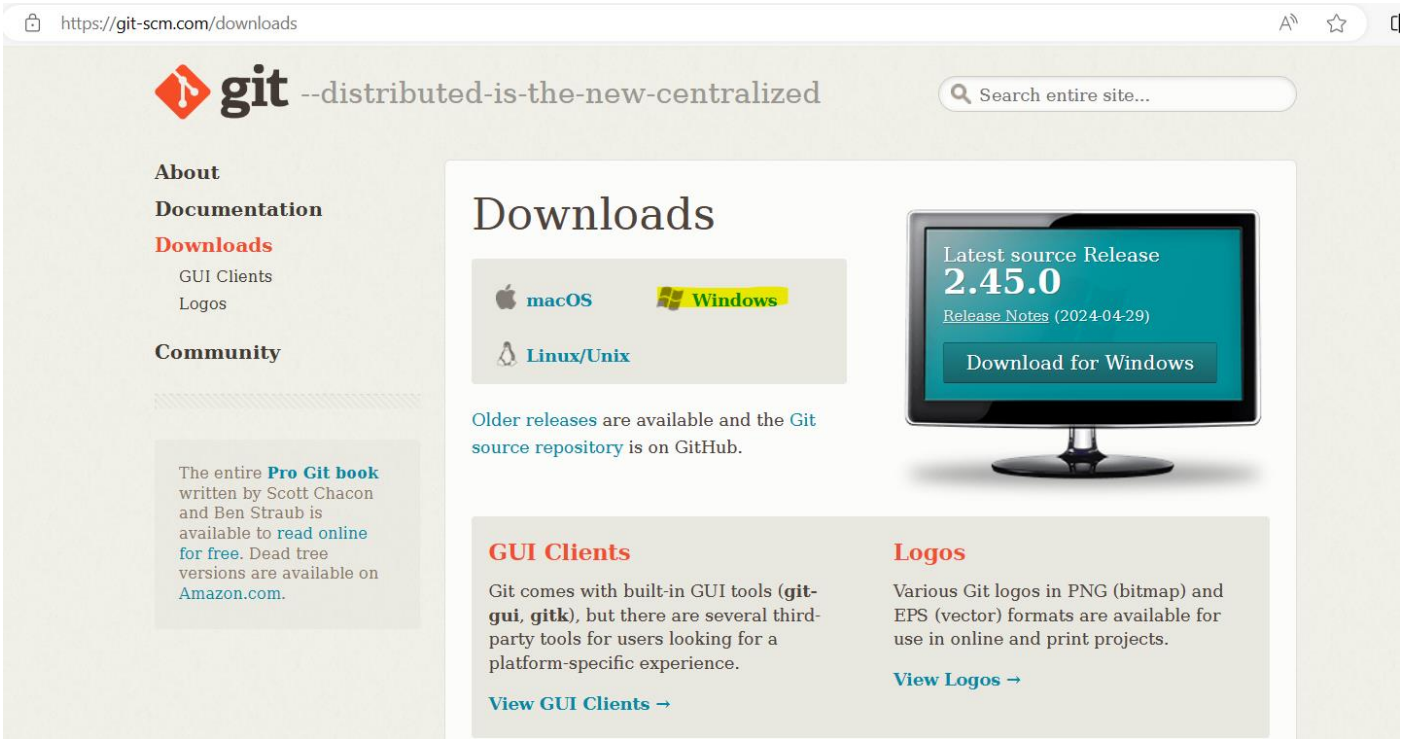
How to setup google colab to GitHub through gitbash

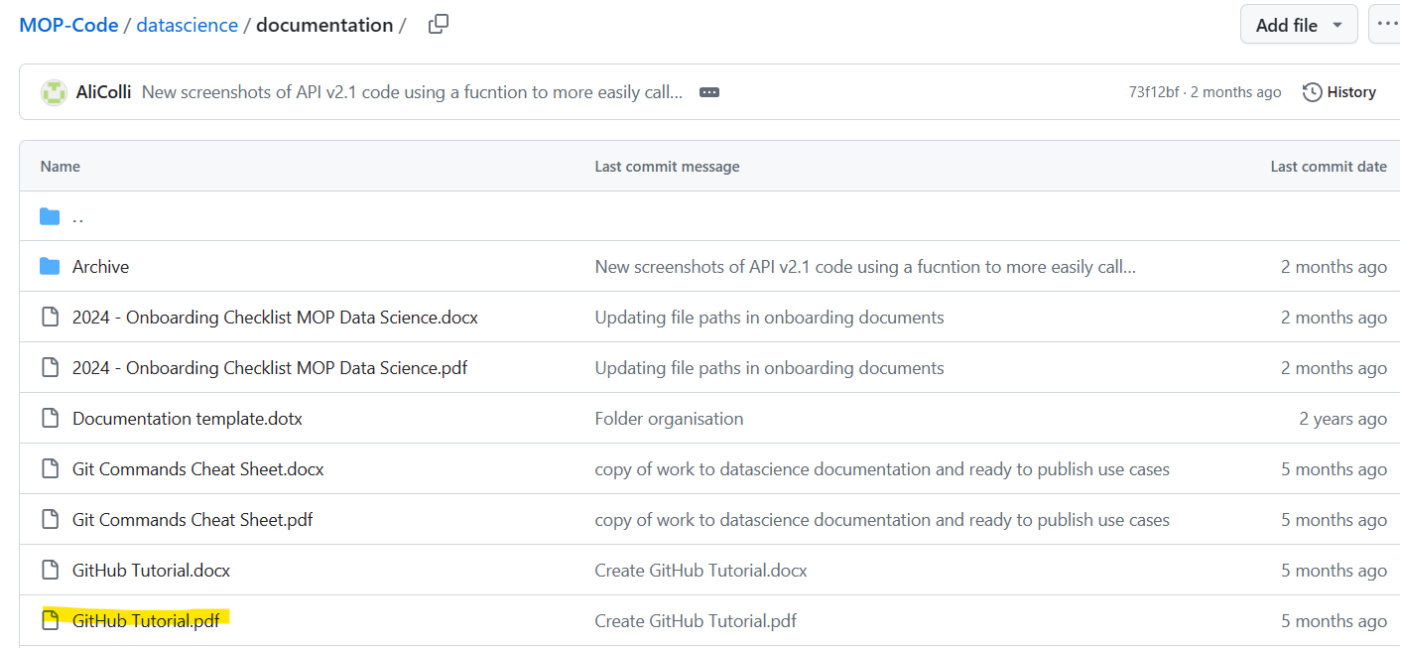
This documentation was made to demonstrate how to set up google colab to work with Github using Git Bash. This documentation shows the steps using Windows 10.

Steps to follow to setup Google Colab to work with Github using Git Bash

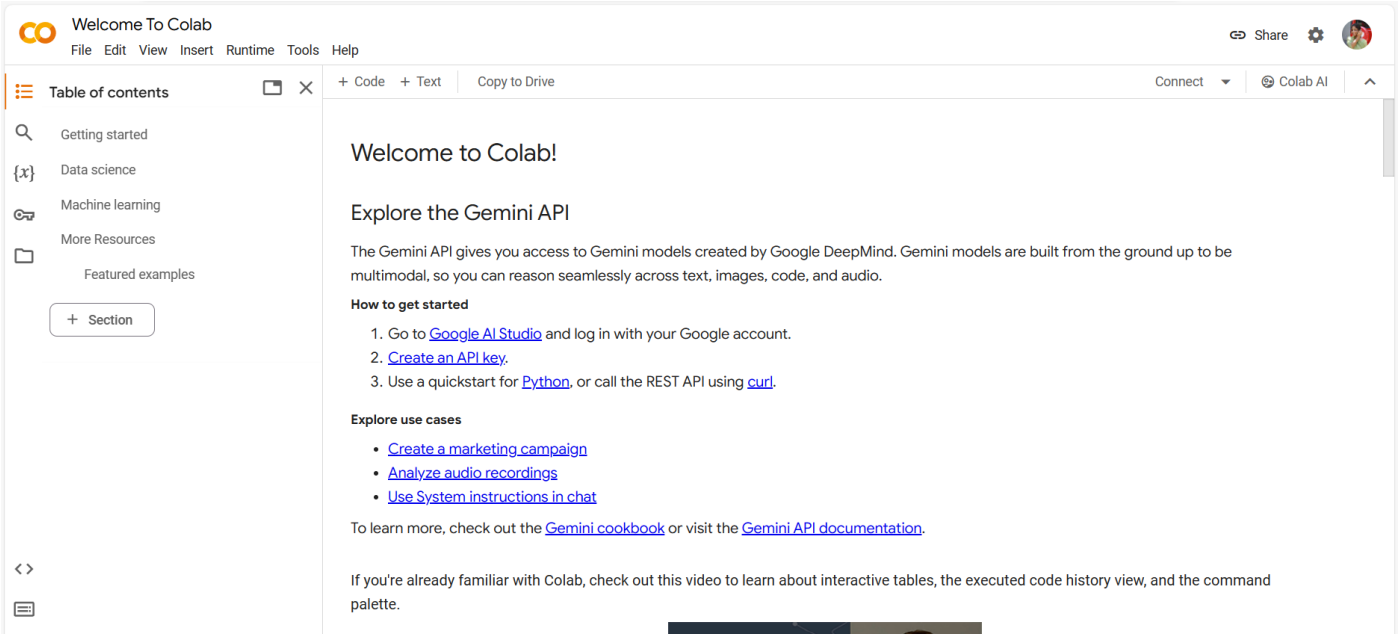
Step 1: Install Git Bash:If you haven't already, download and install Git Bash on your computer. You can download it from the official website: Git - Downloads (git-scm.com)



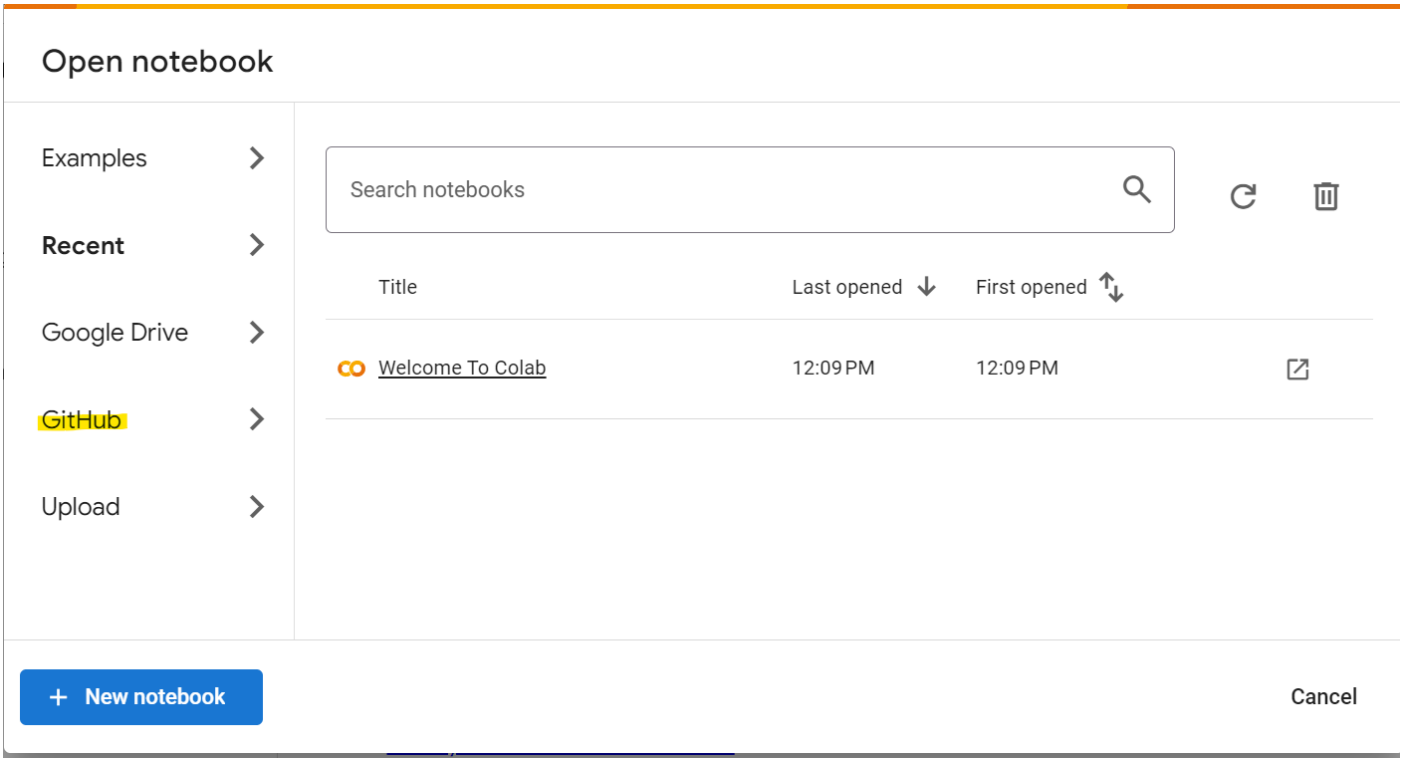
Step 2: You should have created a branch in Github with MOP-CODE downloaded on your local machine with your name folder within Playground folder. If you haven't, please follow the github tutorial pdf posted in files of T3 MOP data science chat group.



Step 3: Open your web browser and go to Google Colab.



Step 4: In Google Colab, click on "File" in the top-left corner and Select "Open notebook" and click on GitHub and Follow the instructions to authorize access to your GitHub account.


Open notebook
Examples
Recent
Google Drive
GitHub
Upload
Search notebooks
Title
Last opened
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Welcome To Colab
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New notebook
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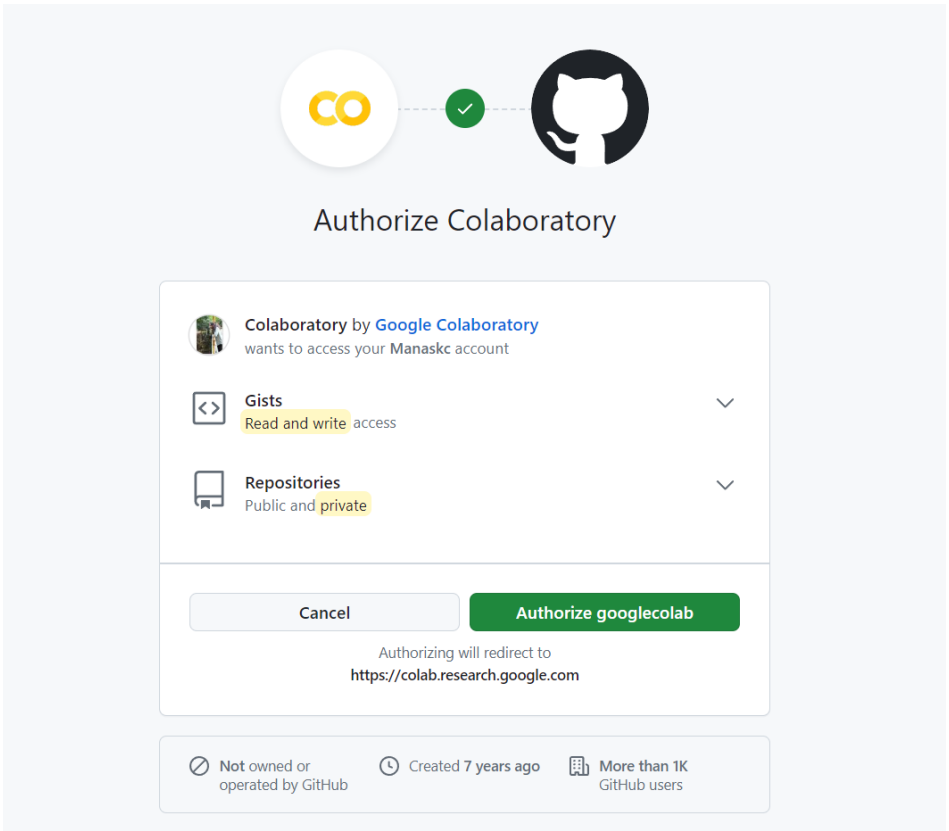
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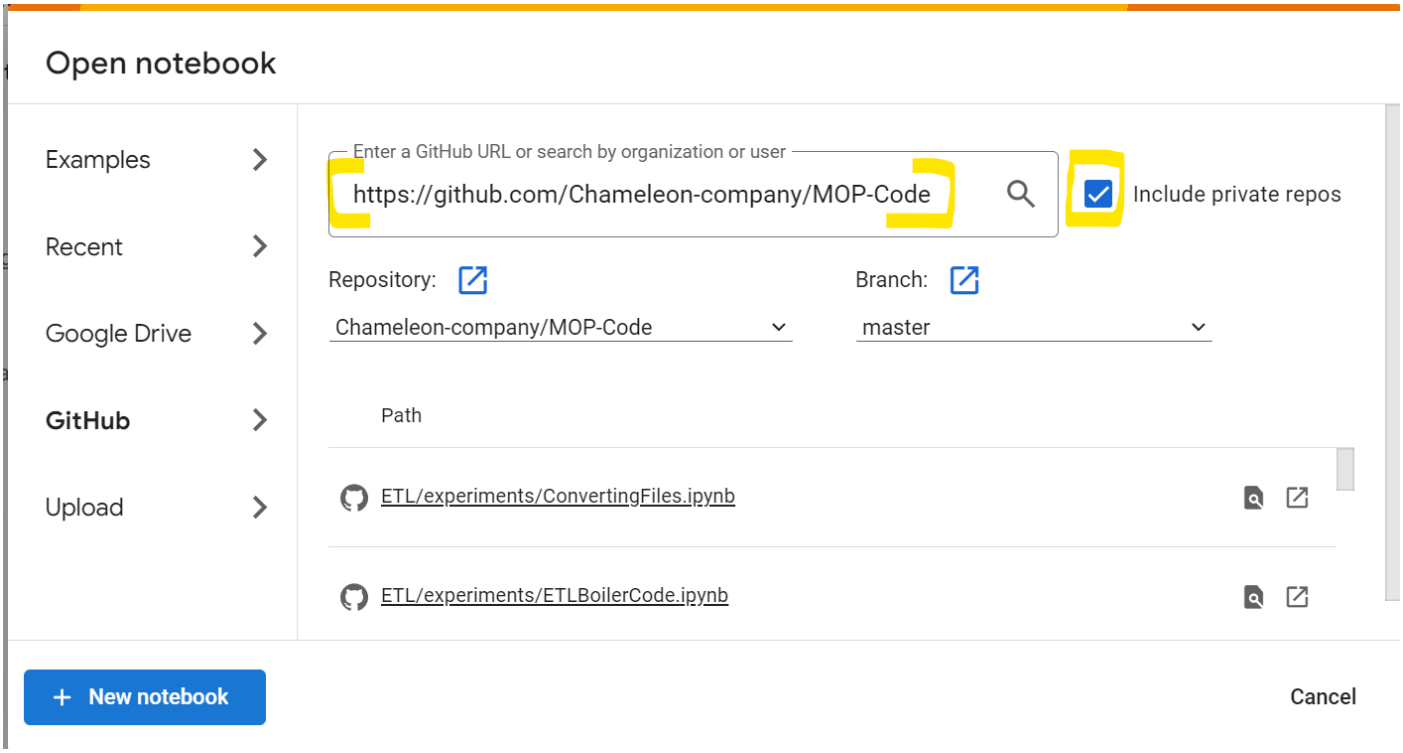
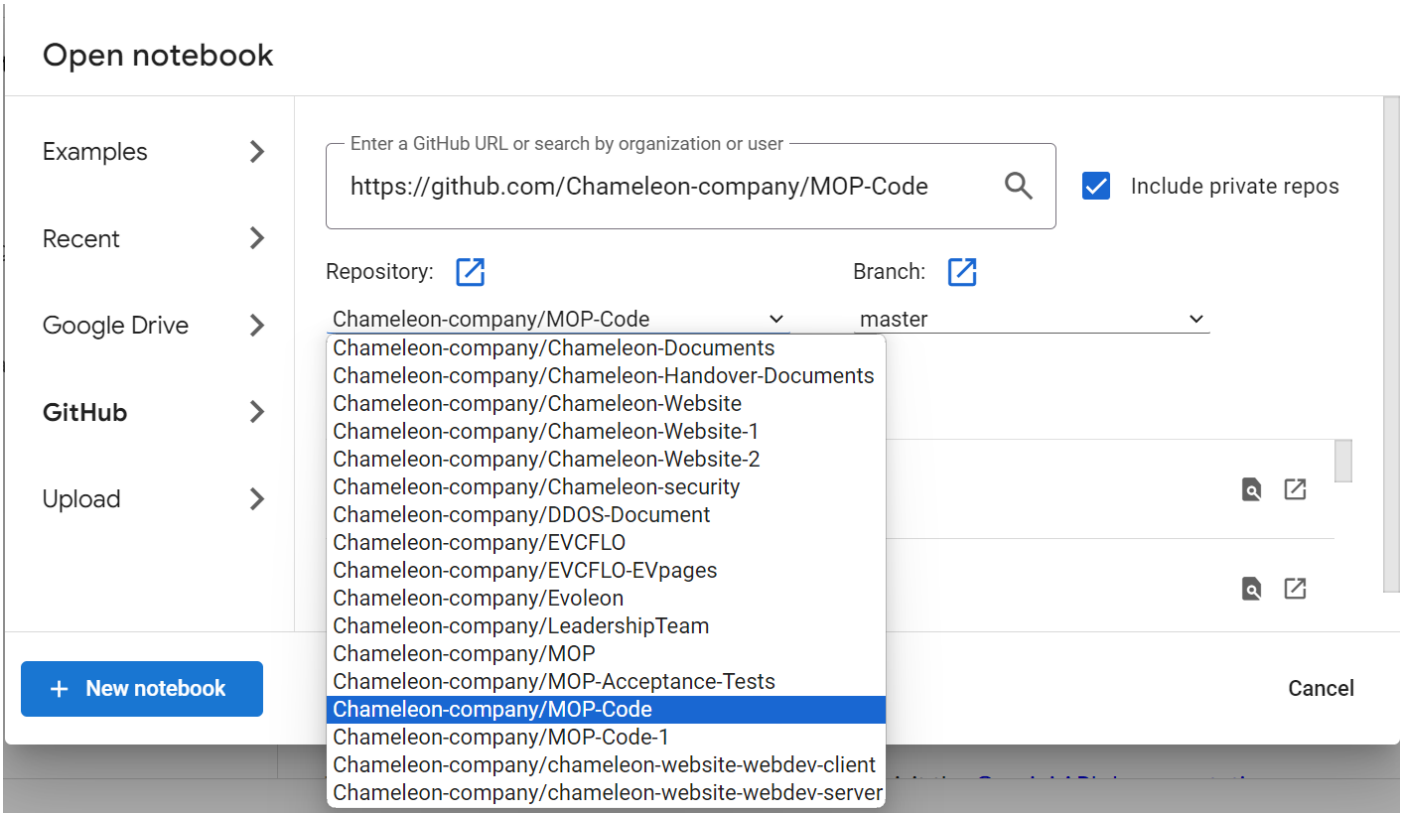
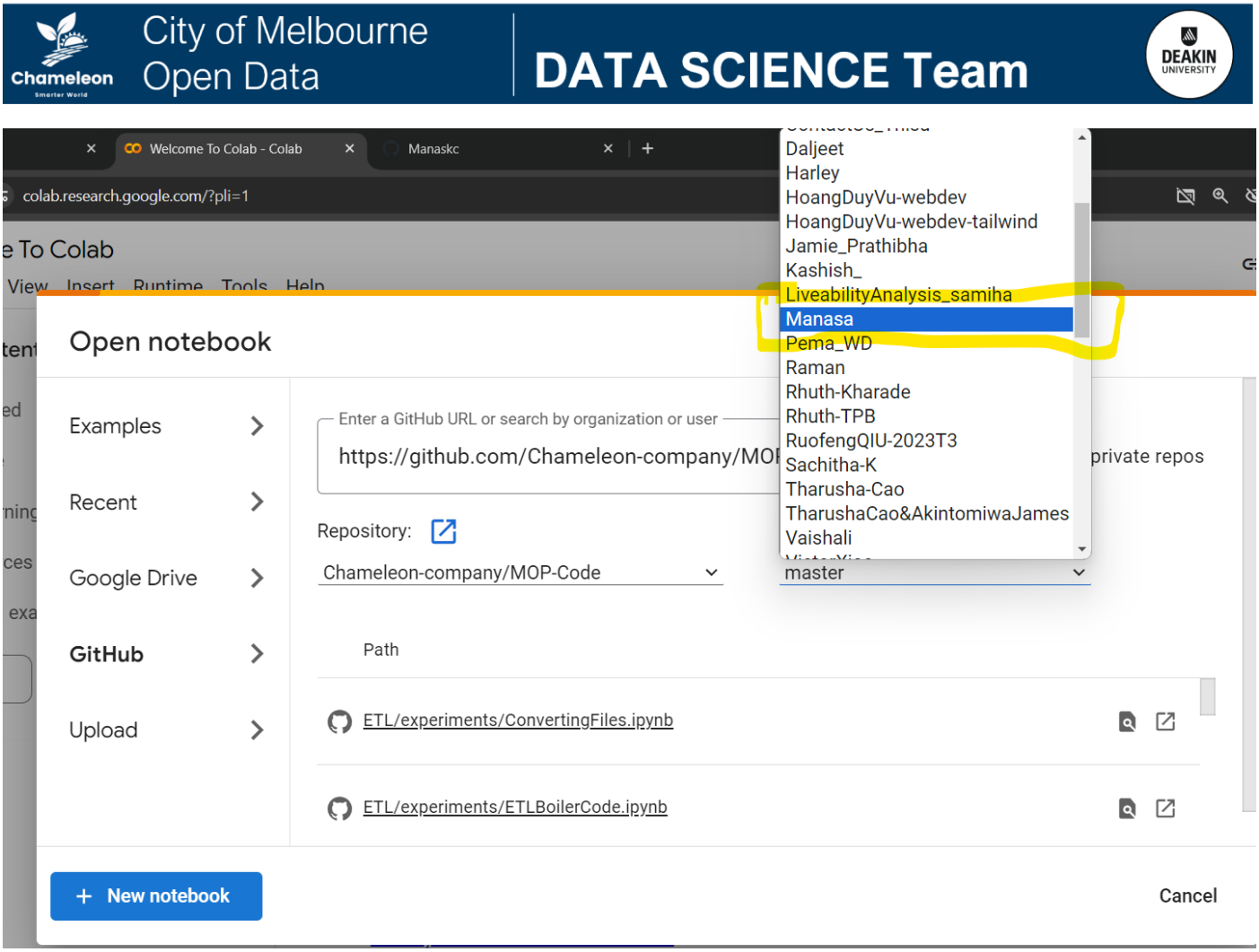
Authorize googlecolab
Authorizing will redirect to
https://colab.research.google.com
Not owned or operated by GitHub
Created 7 years ago
More than 1K GitHub users

Step 5: Enter the GitHub URL of Chameleon company by ticking the box on “include private repos”

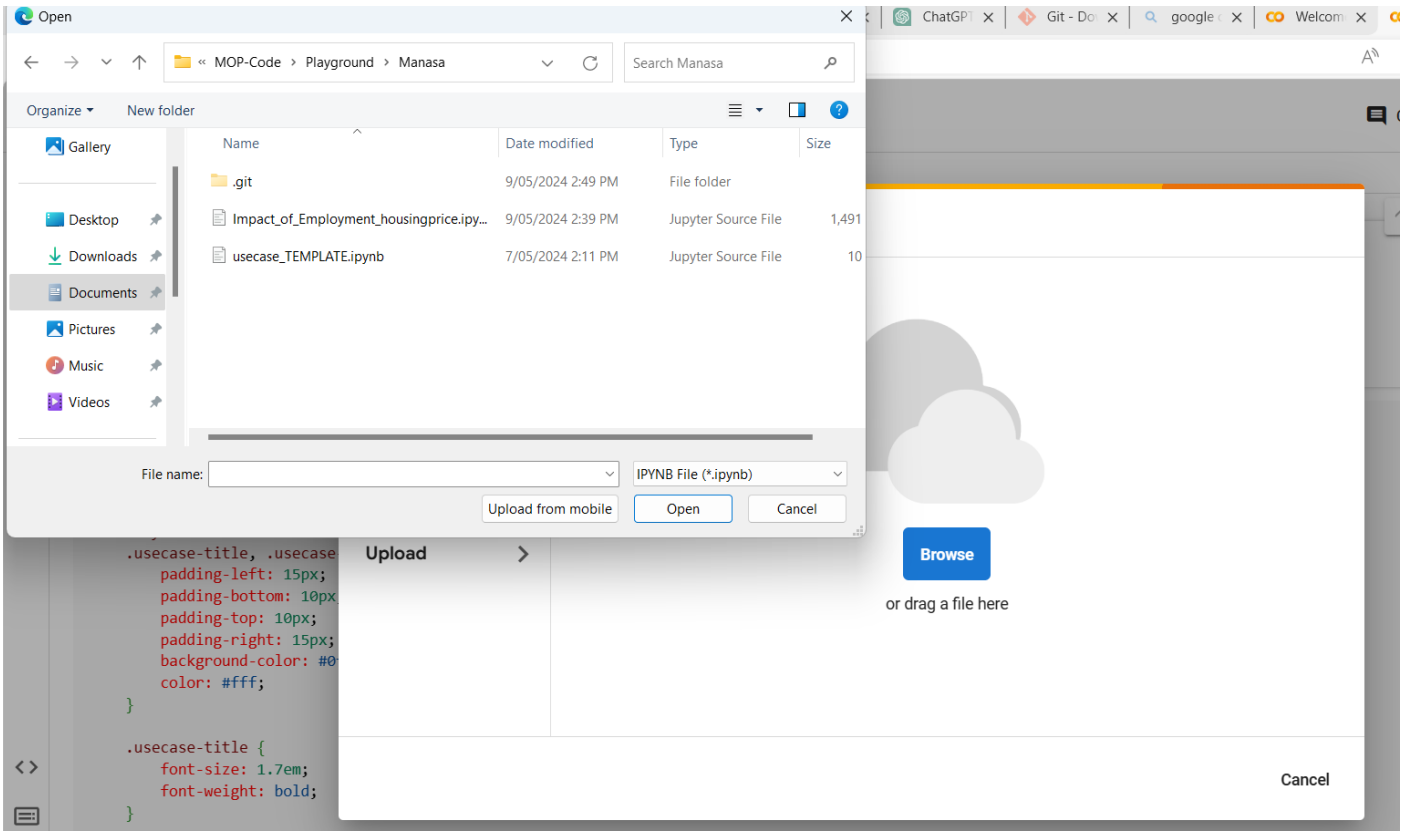


Step 6: Select Repository “Chameleon- company/MOP-Code” and Select your Branch Name “Manasa”

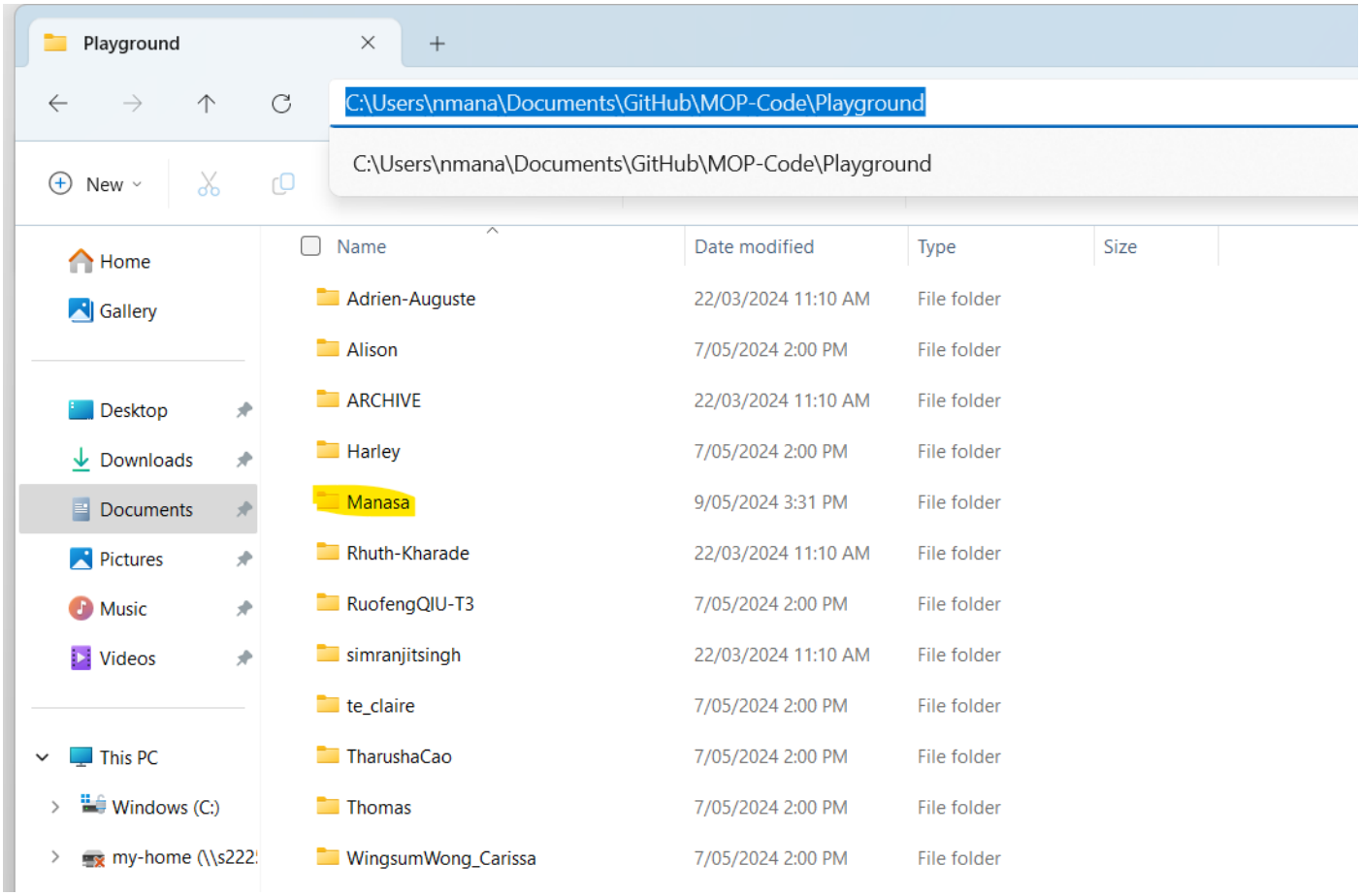


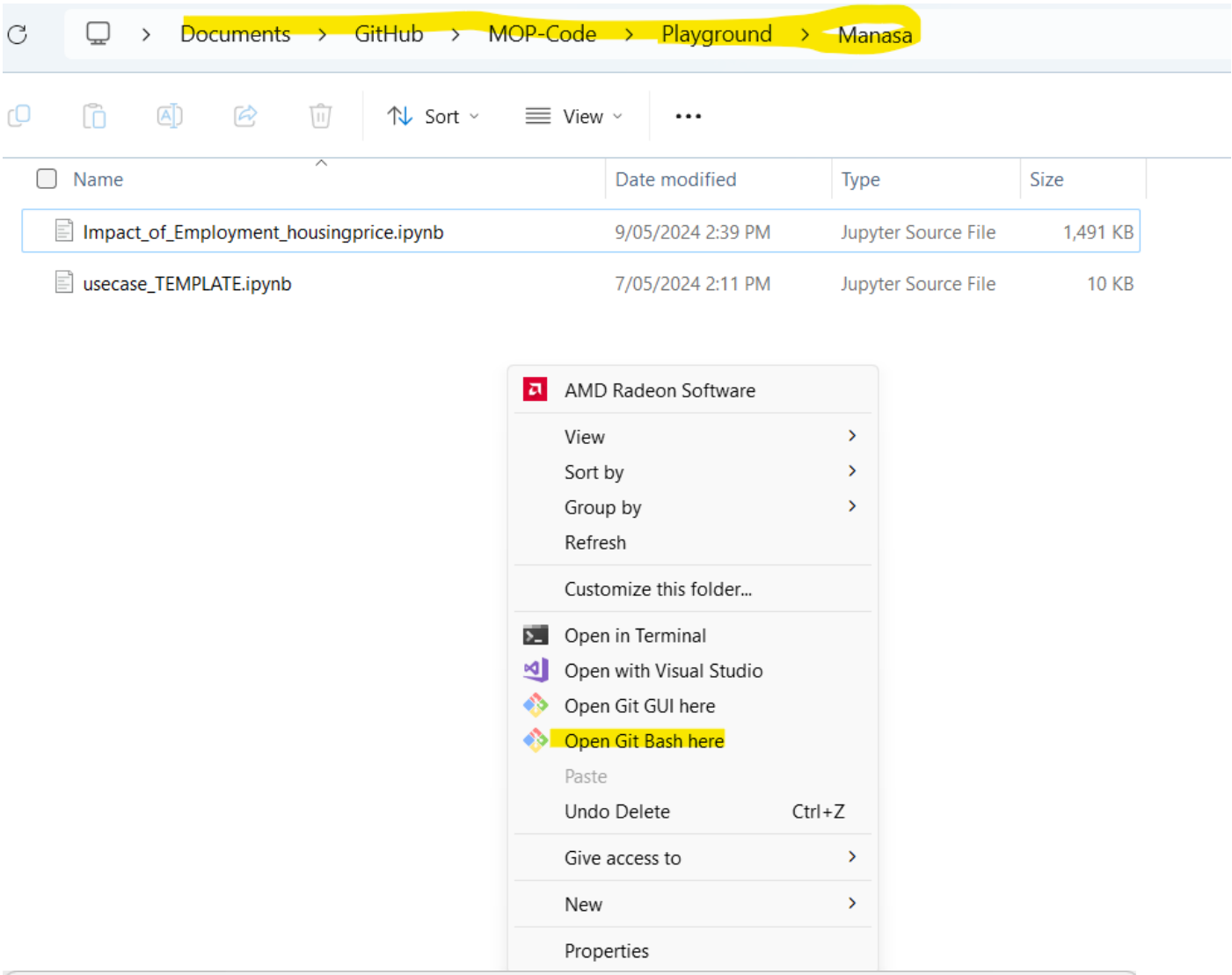


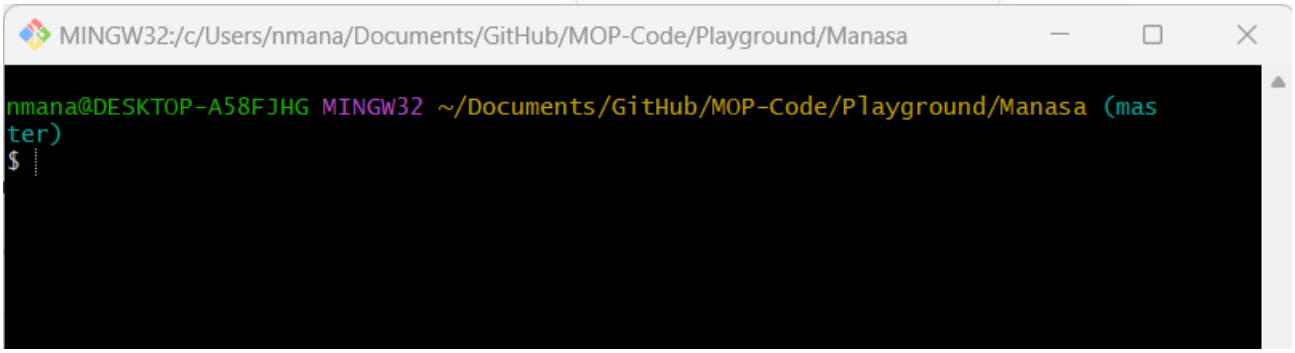
Step 7: In Google Colab, navigate to the directory by clicking on upload and browse and navigate to your local repository



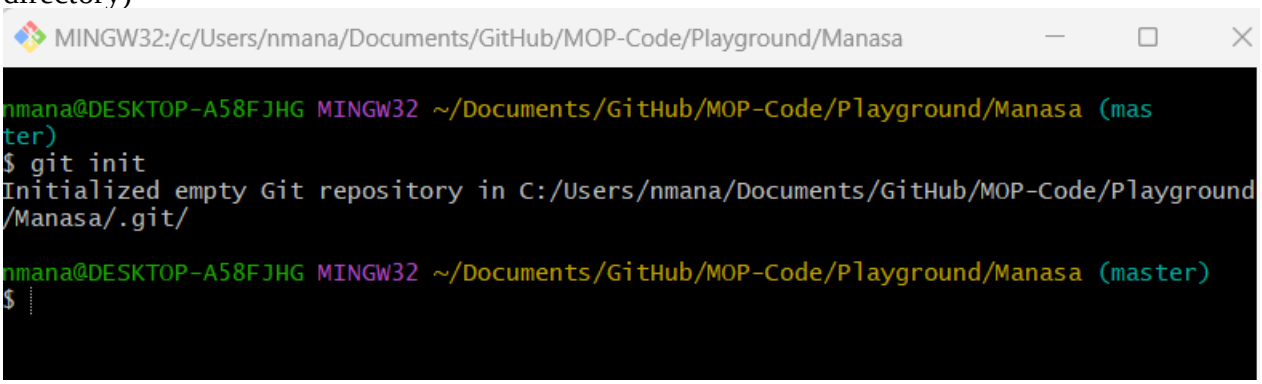
Step 8: Locate your playground folder in your local machine and Click on your own name folder within the playground and click on it and Click on the path and copy it and Right Click on this blank area and click on "Git Bash Here'

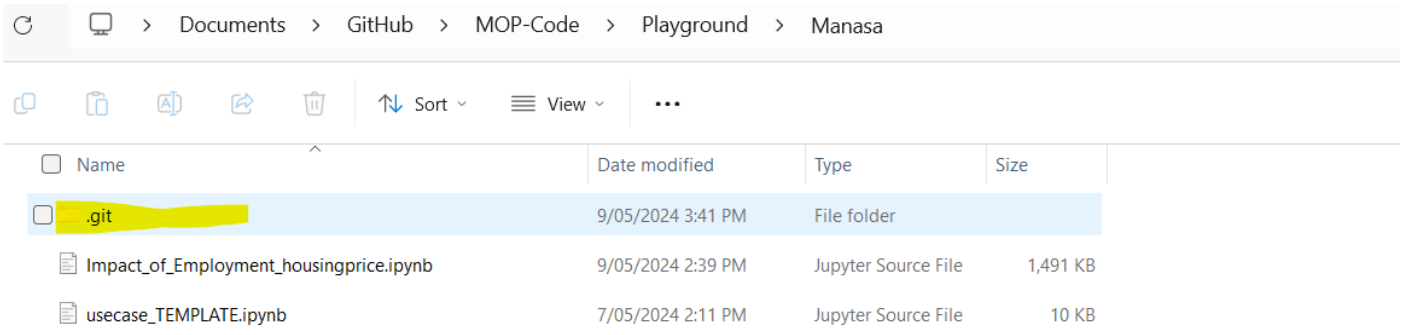




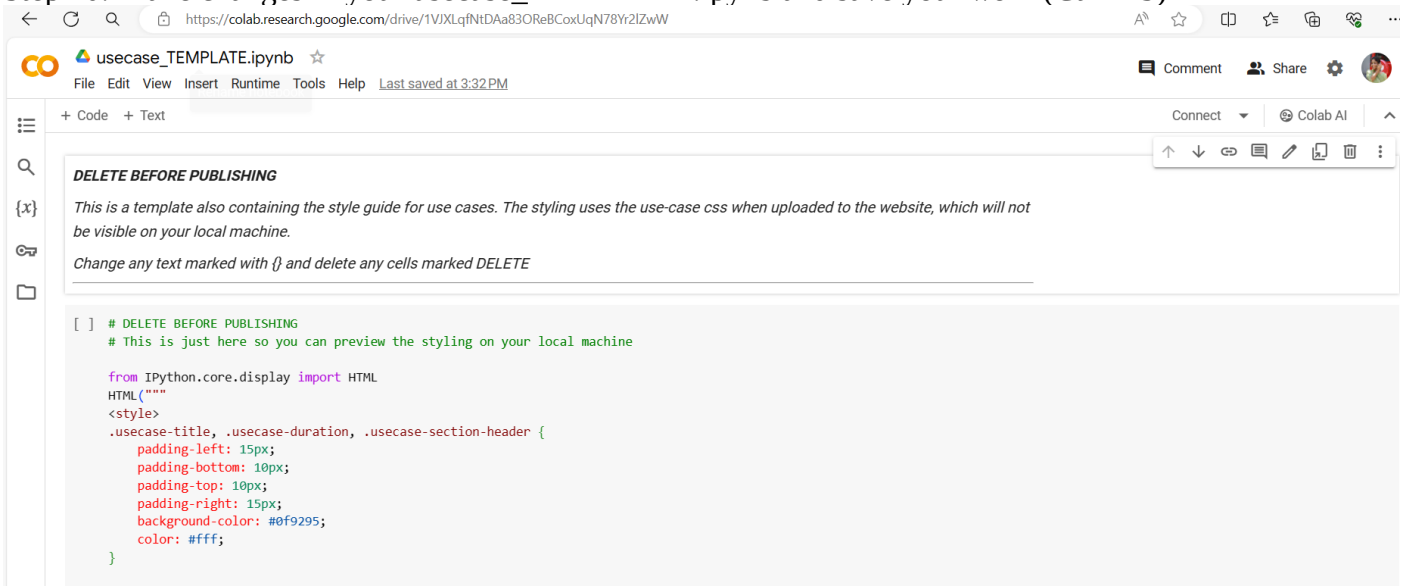


Step 9: Type “git init”. It will create a hidden .git folder in your Playground folder (current working directory)

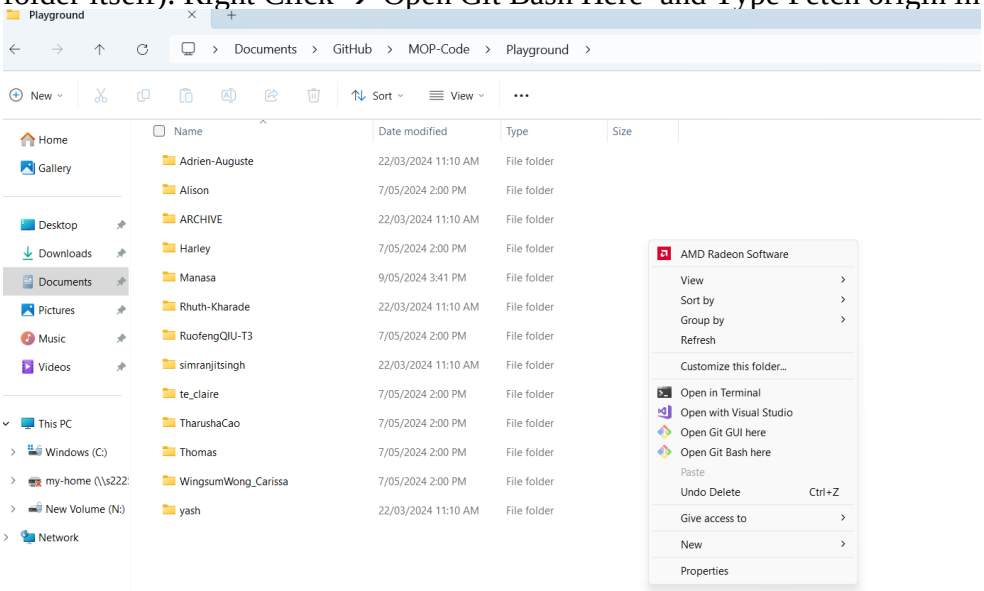




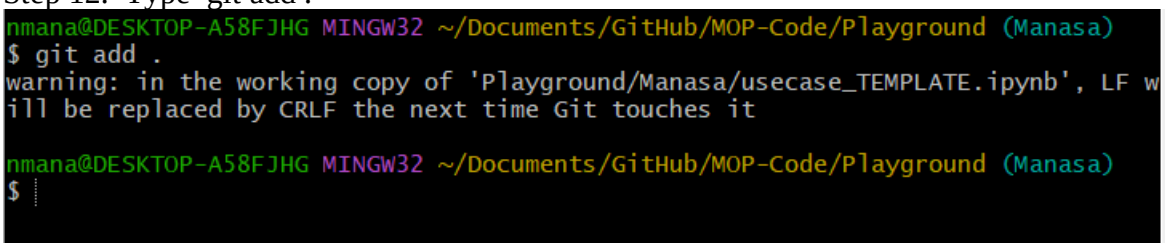
Step 10: Make changes in your usecase_TEMPLATE.ipynb and save your work (Ctrl + S)



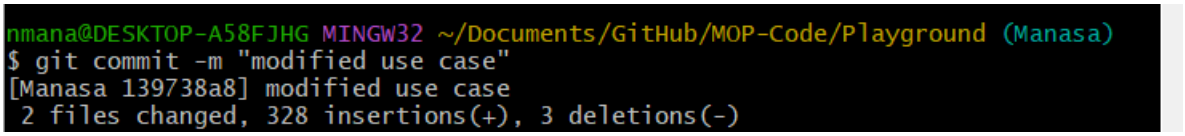
Step 11: Close the git bash and open the playground folder (not your name folder but the plays=ground folder itself). Right Click → Open Git Bash Here and Type Fetch origin in your git bash



Step 12. Type git add .



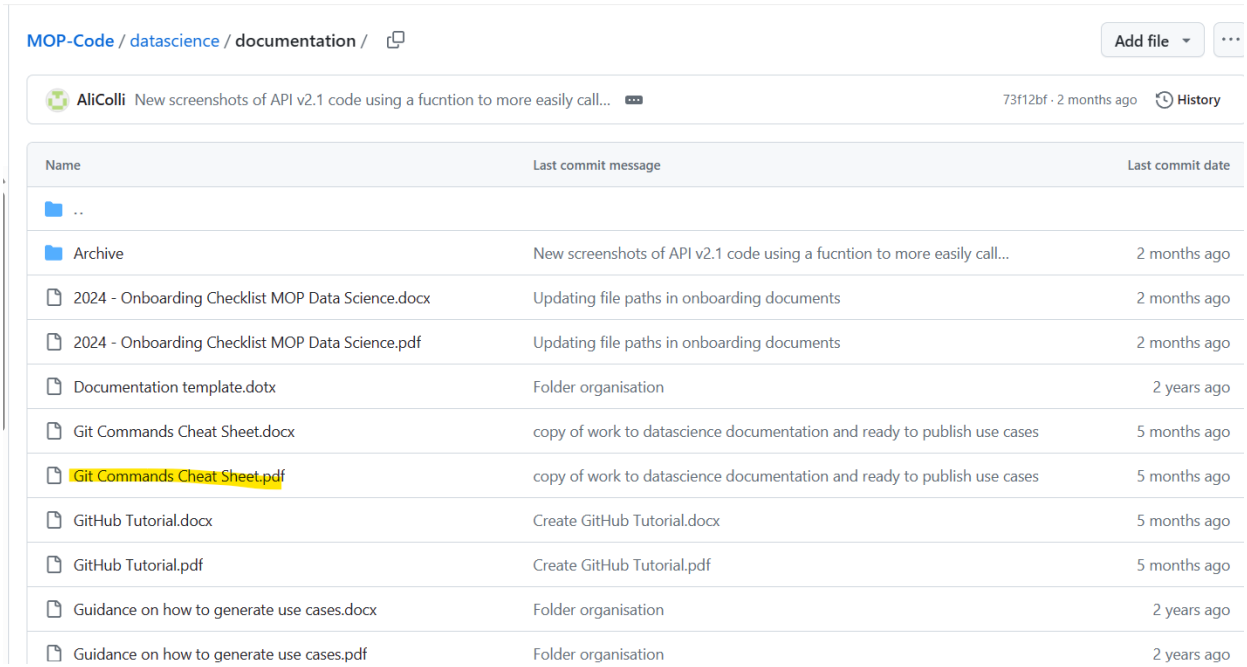
Step 13. Type `git commit -m 'your message here'`



Step 14. Type `git push` to push your changes made in Google Colab

After pushing your changes, verify that they appear on your GitHub repository's

For further GitHUb Command Cheat Sheet , please follow the Git Command sheets pdf posted in files of T3 MOP data science chat group.



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Add file

AliColli New screenshots of API v2.1 code using a fucntion to more easily call... 73f12bf · 2 months ago History

Name	Last commit message	Last commit date
..		
Archive	New screenshots of API v2.1 code using a fucntion to more easily call...	2 months ago
2024 - Onboarding Checklist MOP Data Science.docx	Updating file paths in onboarding documents	2 months ago
2024 - Onboarding Checklist MOP Data Science.pdf	Updating file paths in onboarding documents	2 months ago
Documentation template.dotx	Folder organisation	2 years ago
Git Commands Cheat Sheet.docx	copy of work to datascience documentation and ready to publish use cases	5 months ago
Git Commands Cheat Sheet.pdf	copy of work to datascience documentation and ready to publish use cases	5 months ago
GitHub Tutorial.docx	Create GitHub Tutorial.docx	5 months ago
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Author

Manasa Nagaraja

3/5/2024