

How create branch and folder name in GitHub through gitbash

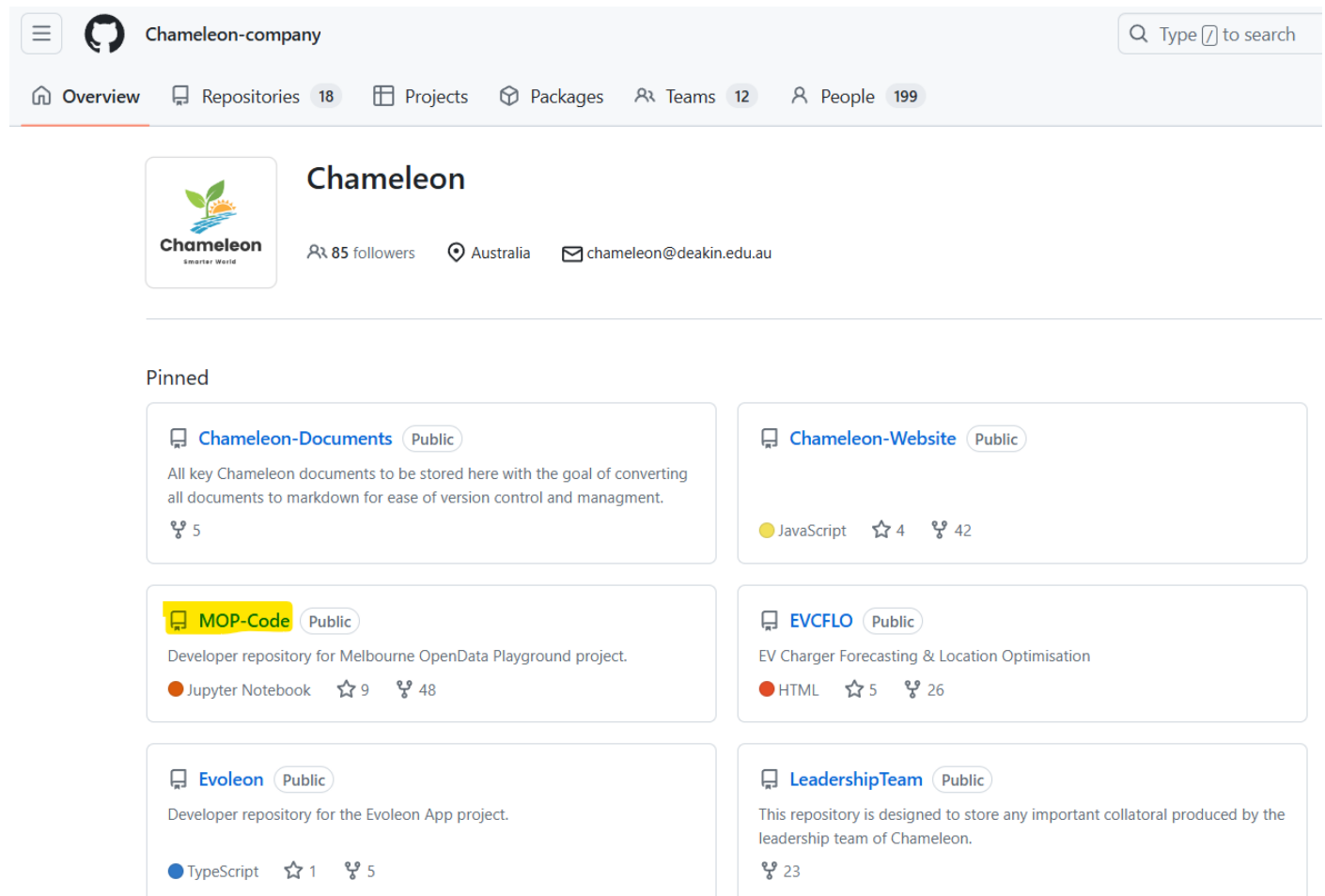
This documentation was made to demonstrate how to create branch and folder name in GitHub through gitbash. This documentation shows the steps using Windows 10.

Steps to follow to create branch and folder name in GitHub through gitbash

Step 1: Branch

Chameleon GitHub : <https://github.com/Chameleon-company>

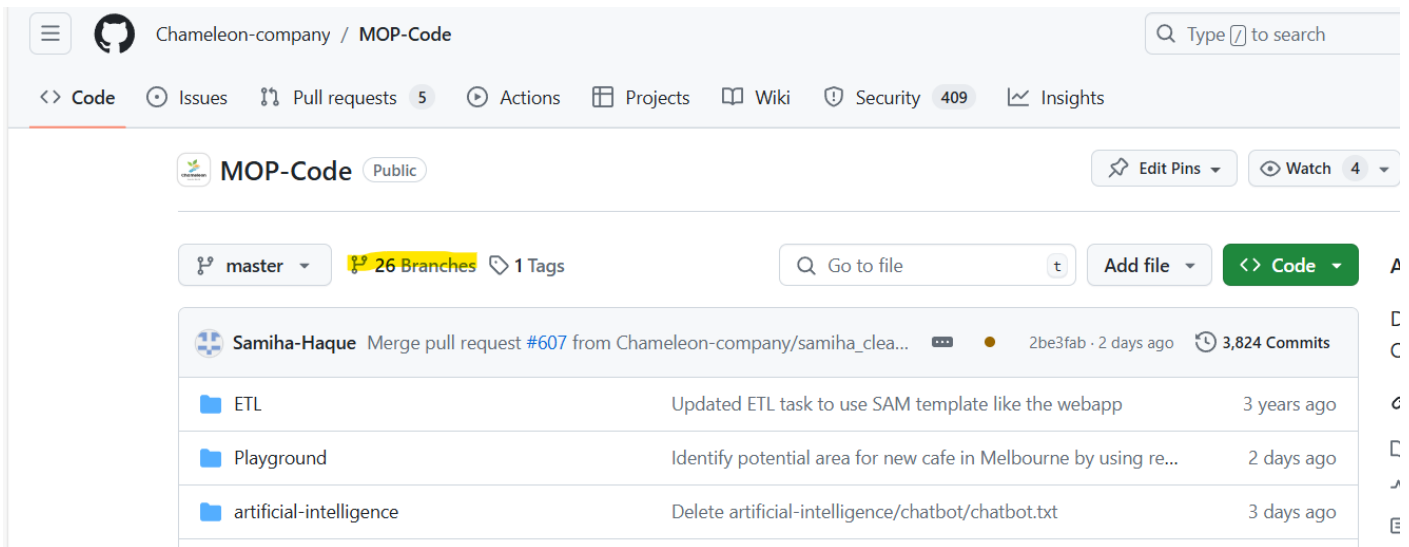
Then select MOP-Code.



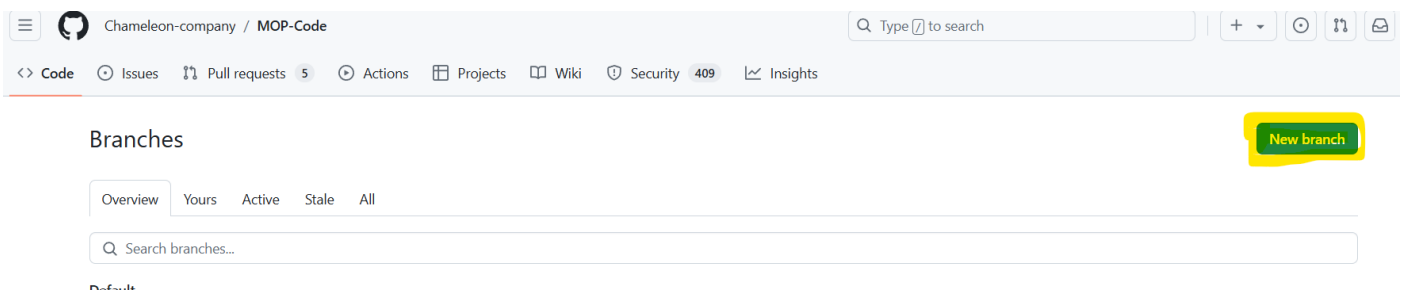
The screenshot shows the GitHub profile page for 'Chameleon-company'. The header includes the company name, a search bar, and navigation links for Overview, Repositories (18), Projects, Packages, Teams (12), and People (199). The profile section displays the Chameleon logo, 85 followers, location in Australia, and email address. Below this, a 'Pinned' section lists six repositories:

- Chameleon-Documents** (Public): All key Chameleon documents to be stored here with the goal of converting all documents to markdown for ease of version control and management. 5 forks.
- Chameleon-Website** (Public): JavaScript, 4 stars, 42 forks.
- MOP-Code** (Public): Developer repository for Melbourne OpenData Playground project. Jupyter Notebook, 9 stars, 48 forks.
- EVCFLO** (Public): EV Charger Forecasting & Location Optimisation. HTML, 5 stars, 26 forks.
- Evoleon** (Public): Developer repository for the Evoleon App project. TypeScript, 1 star, 5 forks.
- LeadershipTeam** (Public): This repository is designed to store any important collateral produced by the leadership team of Chameleon. 23 forks.

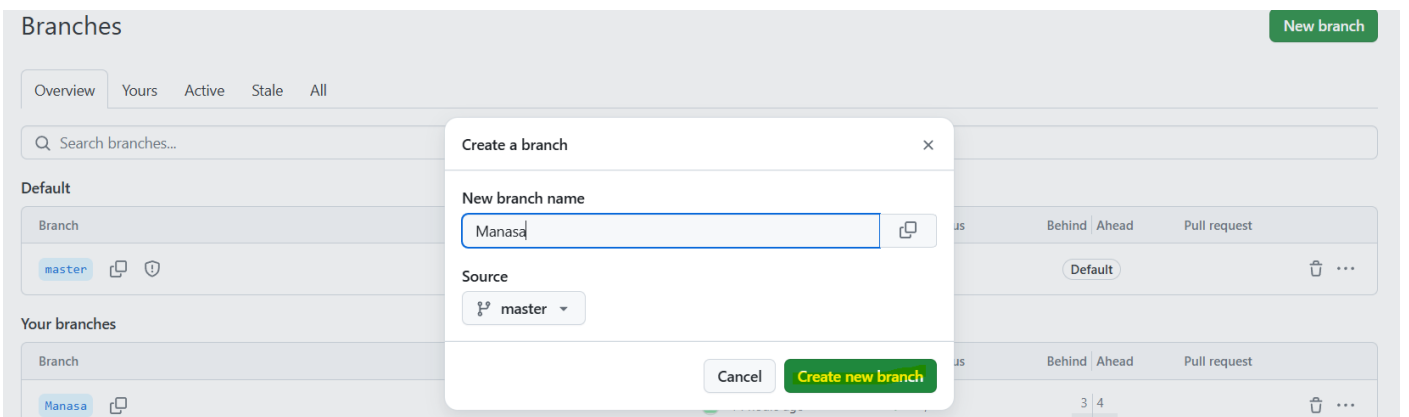
Step 2: Then select branches.



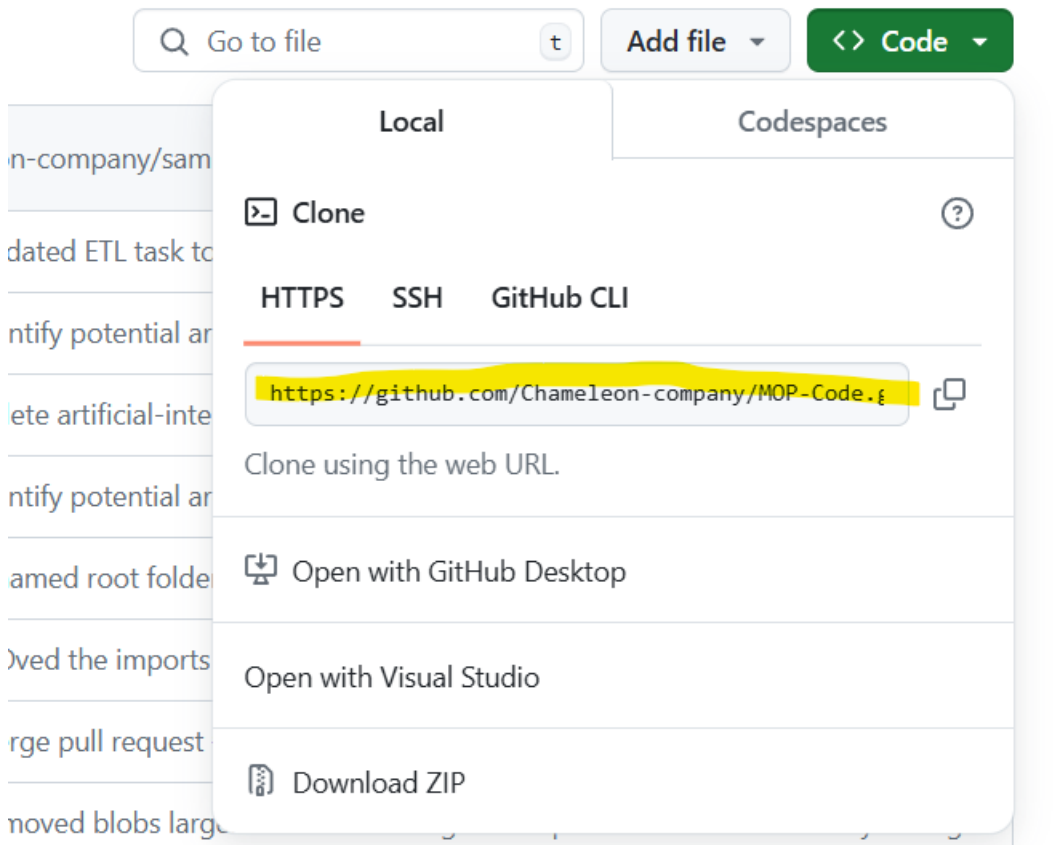
Step 3: Click to create a new branch.



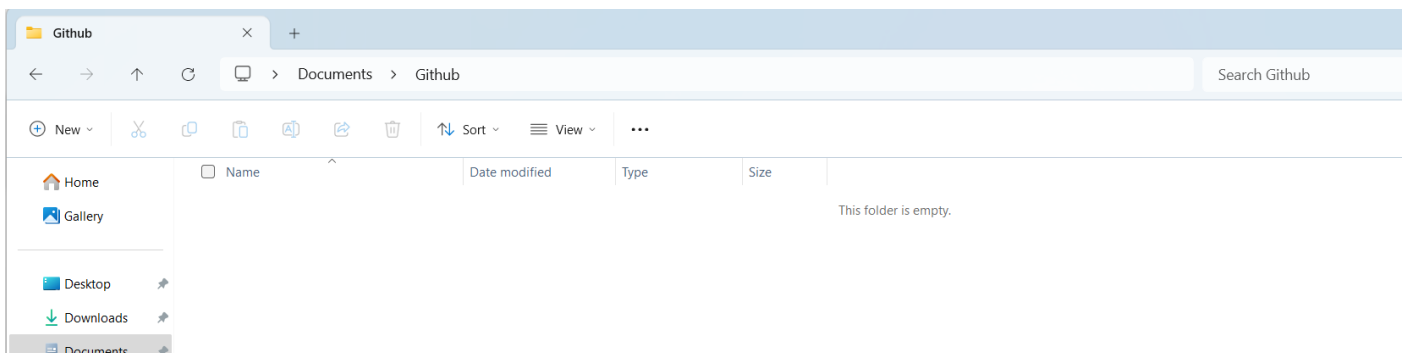
Make sure you copied from the master and give your own branch name and click on create new branch.



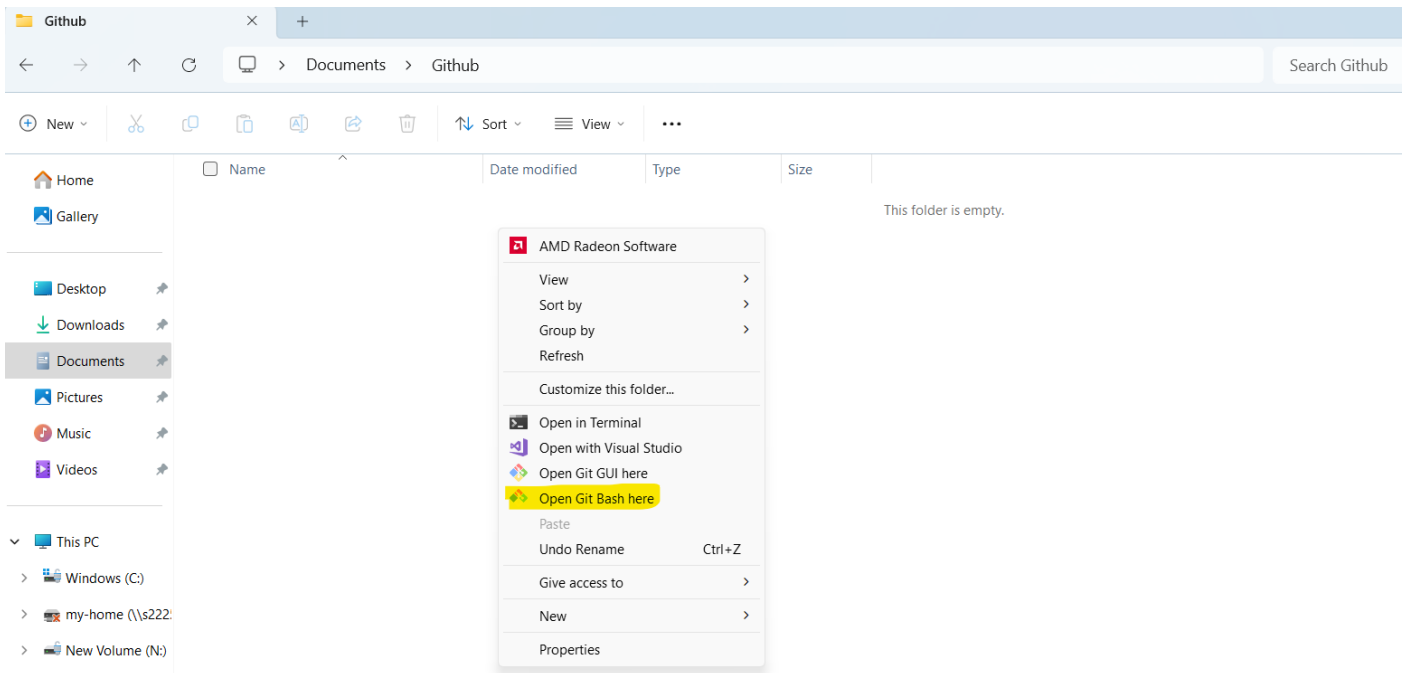
Return to the MOP-Code page and click Code and select the URI



Step 4: Select a local storage location and create a folder . Note: The entire file is 5GB.



Within the folder select Open with bash here

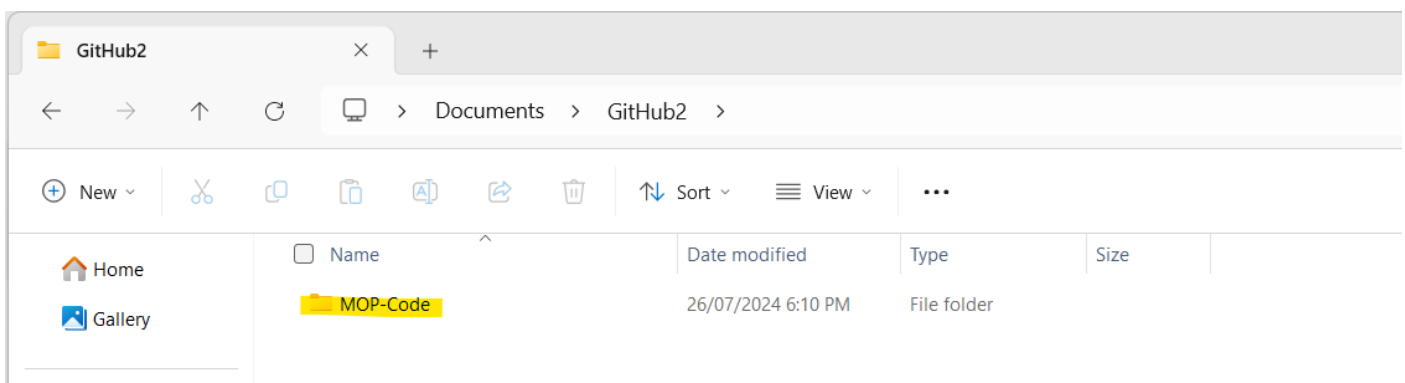


And then type git clone by adding the url copied from github Code and enter

git clone <https://github.com/Chameleon-company/MOP-Code.git>

```
MINGW32:/c/Users/nmana/Documents/GitHub2/MOP-Code/Playground/Manasa
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2
$ git clone https://github.com/Chameleon-company/MOP-Code.git
Cloning into 'MOP-Code'...
remote: Enumerating objects: 40983, done.
remote: Counting objects: 100% (2335/2335), done.
remote: Compressing objects: 100% (1028/1028), done.
remote: Total 40983 (delta 1558), reused 1899 (delta 1234), pack-reused 38648
Receiving objects: 100% (40983/40983), 1.29 GiB | 3.25 MiB/s, done.
Resolving deltas: 100% (17963/17963), done.
Updating files: 100% (11450/11450), done.
```

Step 5: After updating the file MOP-Code folder would be created



In git bash type **cd MOP-Code**

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2
$ cd MOP-Code
```

And **cd Playground**

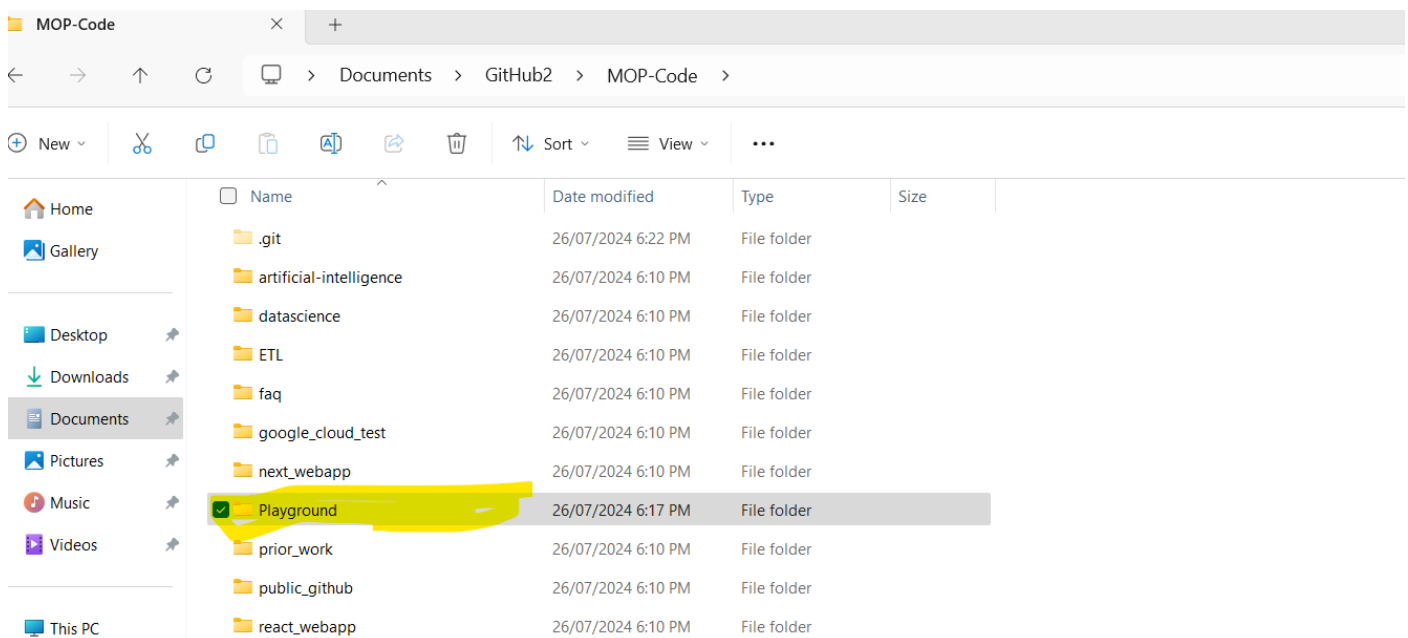
```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code (master)
$ cd Playground
```

Now we will need to switch from master branch to your branch hence type git check out and type your branch name created in github.

git checkout Manasa

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground (master)
$ git checkout Manasa
Switched to a new branch 'Manasa'
branch 'Manasa' set up to track 'origin/Manasa'.
```

In local storage location now go to MOP – Code → Playground



Step 6: Create a folder inside playground.

Note : In the playground folder I have created by my name

Playground

Documents > GitHub2 > MOP-Code > Playground

New | Cut | Copy | Paste | Delete | Sort | View

| Name | Date modified | Type | Size |
|---|--------------------|-----------------------|-------|
| Akintomiwa | 26/07/2024 6:10 PM | File folder | |
| ARCHIVE | 26/07/2024 6:17 PM | File folder | |
| LiveabilityAnalysis_samiha | 26/07/2024 6:10 PM | File folder | |
| Manasa | 26/07/2024 6:19 PM | File folder | |
| RuofengQIU-T3 | 26/07/2024 6:10 PM | File folder | |
| venuka | 26/07/2024 6:10 PM | File folder | |
| house-prices-by-small-area-sale-year... | 26/07/2024 6:10 PM | Microsoft Excel Co... | 17 KB |

Step 7: Add any test document / Use case template in folder.

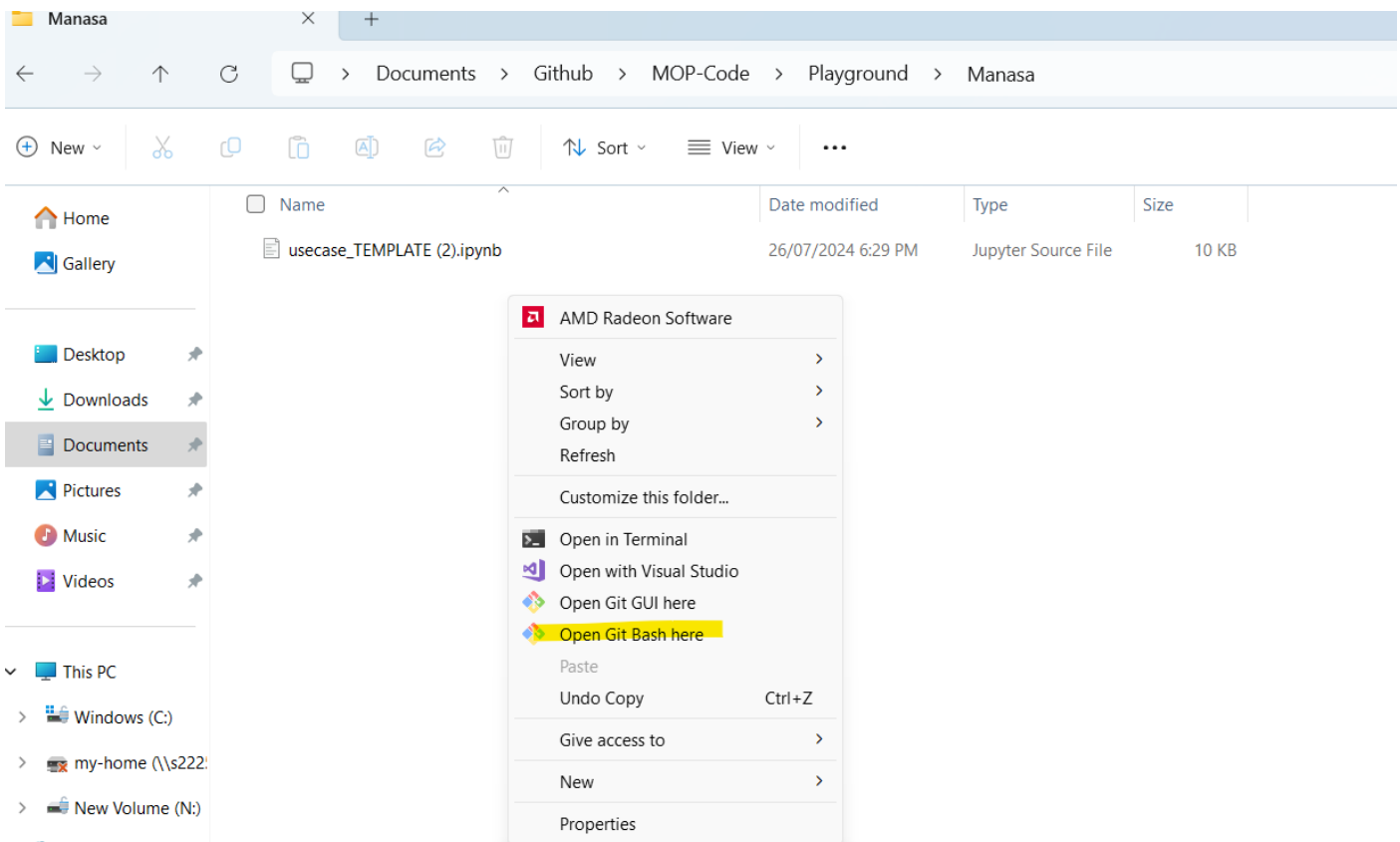
Manasa

Documents > Github > MOP-Code > Playground > Manasa

New | Cut | Copy | Paste | Delete | Sort | View

| Name | Date modified | Type | Size |
|----------------------------|--------------------|---------------------|-------|
| usecase_TEMPLATE (2).ipynb | 26/07/2024 6:29 PM | Jupyter Source File | 10 KB |

Step8: Open git bash from this folder



Now type git status

git status

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git status
On branch Manasa
Your branch is up to date with 'origin/Manasa'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   git_command.docx
```

And then type git add . **Note: there should be space after add full stop**

git add .

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git add .
```

And now we are committing the changes by giving command git commit -m "give your message"

git commit -m "adding file"

```
nmana@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git commit -m "adding file"
[Manasa f8f2b68c] adding file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Playground/Manasa/git_command.docx
```

And Type git push to push your changes.

git push

```
manasa@DESKTOP-A58FJHG MINGW32 ~/Documents/GitHub2/MOP-Code/Playground/Manasa (Manasa)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 6 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 11.06 KiB | 5.53 MiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: GitHub found 107 vulnerabilities on Chameleon-company/MOP-Code's default branch (2 critical, 35 high, 64 moderate, 6 low). To find out more, visit:
remote: https://github.com/Chameleon-company/MOP-Code/security/dependabot
remote:
remote: To https://github.com/Chameleon-company/MOP-Code.git
bf034bb0..f8f2b68c Manasa -> Manasa
```

Step 9 : Now we can check in github in our branch, playground folder there would be folder created with the added documents in our local storage.

Chameleon-company / MOP-Code

Type to search

<> Code

Issues

Pull requests 5

Actions

Projects

Wiki

Security 409

Insights

MOP-Code

Public

Edit Pins

Watch 4

Manasa

26 Branches

1 Tags

Go to file

t

Add file

<> Code

This branch is 4 commits ahead of, 3 commits behind master.

Contribute

Manasa-n1

Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_Transit...

f95d7c1 · 15 hours ago

3,825 Commits

| | | |
|-------------------------|---|--------------|
| ETL | Updated ETL task to use SAM template like the webapp | 3 years ago |
| Playground | Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_... | 15 hours ago |
| artificial-intelligence | Delete artificial-intelligence/chatbot/chatbot.txt | 3 days ago |
| datascience | T2 2024 Onboarding checklist | last week |

Chameleon-company / MOP-Code

Type to search

+ · · ·

<> Code

Issues

Pull requests 5

Actions

Projects

Wiki

Security 409

Insights

Files

Manasa

Go to file

t

ETL

Playground

ARCHIVE

Akintomiwa

LiveabilityAnalysis_samiha

Manasa

RuofengQIU-T3

venuka

house-prices-by-small-area-sal...

artificial-intelligence

datascience

faq

google_cloud_test

MOP-Code / Playground

Add file

...

Manasa-n1

Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_Transit Plannin...

f95d7c1 · 15 hours ago

History

This branch is 4 commits ahead of, 3 commits behind master.

Contribute

| Name | Last commit message | Last commit date |
|--|--|------------------|
| .. | | |
| ARCHIVE | From T1 2024 to Archived | last week |
| Akintomiwa | making some corrections | 2 months ago |
| LiveabilityAnalysis_samiha | found dependency | 2 months ago |
| Manasa | Rename usecase_TEMPLATE (2).ipynb to Urban_Growth_and_Transit Plannin... | 15 hours ago |
| RuofengQIU-T3 | Delete Playground/RuofengQIU-T3/Ideal_Green_Roof_Locations.ipynb | last week |
| venuka | Delete Playground/venuka/Tree History.ipynb | last week |
| house-prices-by-small-area-sale-year.csv | Add files via upload | 4 months ago |



City of Melbourne
Open Data

DATA SCIENCE Team



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