Open the terminal in VS Code

Run the following command:
git clone https://github.com/mrinmoycyber/Learning.git
Navigate to the cloned directory:
cd Learning

Open the repository in VS Code:
Code .

Prerequisites

- Ensure Git is installed on your system.
- To check, run git --version in the terminal.
- Make sure you have set up Git in VS Code:

Configure your username:
bash
git config --global user.name "Your Name"

Configure your email:
bash
git config --global user.email "youremail@example.com"

Git commands -

git init

- Initializes a new Git repository in your project directory. It creates a .git folder where Git keeps its configuration and data.
- Usage:
  git init

git status

- Displays the current state of the working directory and staging area. It tells you which files are modified, staged, or untracked.
  git status

Create a New Branch

- Open the terminal in VS Code.
- Use the following command to create a new branch (replace new-branch-name with your preferred branch name):
  git checkout -b new-branch-name

Make Changes in the New Branch

- Make the changes you want in the code (e.g., in the InitialSet.ipynb file).
- After making the changes, stage them by clicking the "+" icon next to each file in the **Source Control** panel or by running:
  git add . (add all the files)
- Add the Specific Folder

git add folder_name/
Ex - git add Test/
git add models.py

Commit the Changes

- Write a commit message for your changes in the **Source Control** panel or use the terminal:
  git commit -m "Describe your changes here"

Switch to the Main Branch

- After committing, switch back to the main branch:
  git checkout main

Merge the New Branch into Main

- Merge your changes from the new branch into the main branch:
  git merge new-branch-name

Push the Changes to the Remote Repository

- Finally, push your changes to the remote main branch:
  git push origin main

git pull

- Fetches changes from the remote repository and merges them into your local branch.
  git pull origin main # Pulls changes from the main branch

git stash

- Temporarily stash changes that you don’t want to commit yet. It’s useful when you need to switch branches but have uncommitted changes.
  ```
  git stash  # Stashes changes
  git stash pop  # Restores the most recent stashed changes
  ```