

Cloning Method

Here is the easiest and most beginner-friendly way to push your project to GitHub using the **cloning method!**

Whether you are a student, beginner, or developer this guide will help you upload your code step by step with full clarity.

几步骤 0(a): 安装 Git Bash

Before starting, you need to install **Git Bash** it's the tool that lets you use Git commands on your computer.

👉 **Download Git Bash here:** <https://git-scm.com/downloads/win>

Follow the installation steps (just keep clicking **Next** and finish the setup).

几步骤 0(b): 创建 GitHub 账户

If you don't have one, create it here: [Sign up for GitHub · GitHub](#)

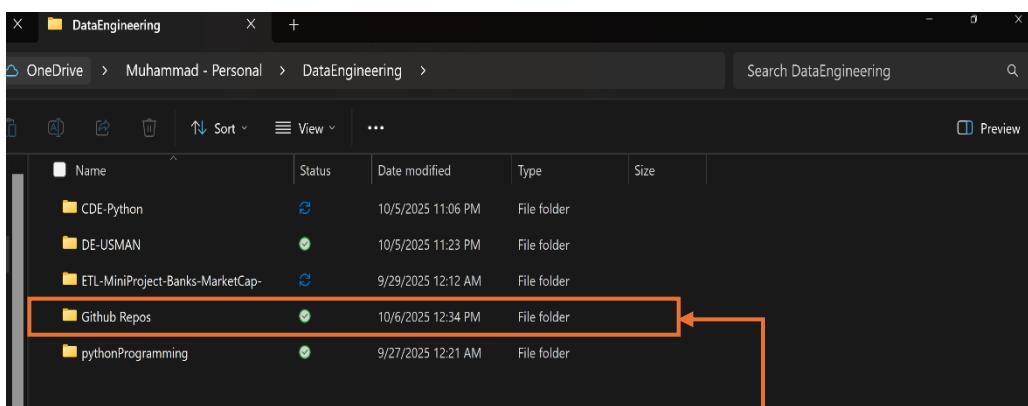
After signing up, verify your email and log in to your GitHub account.

步骤 1：创建一个文件夹以存放你的仓库

Now, on your PC, create a folder where you'll keep all your GitHub projects.

For example:

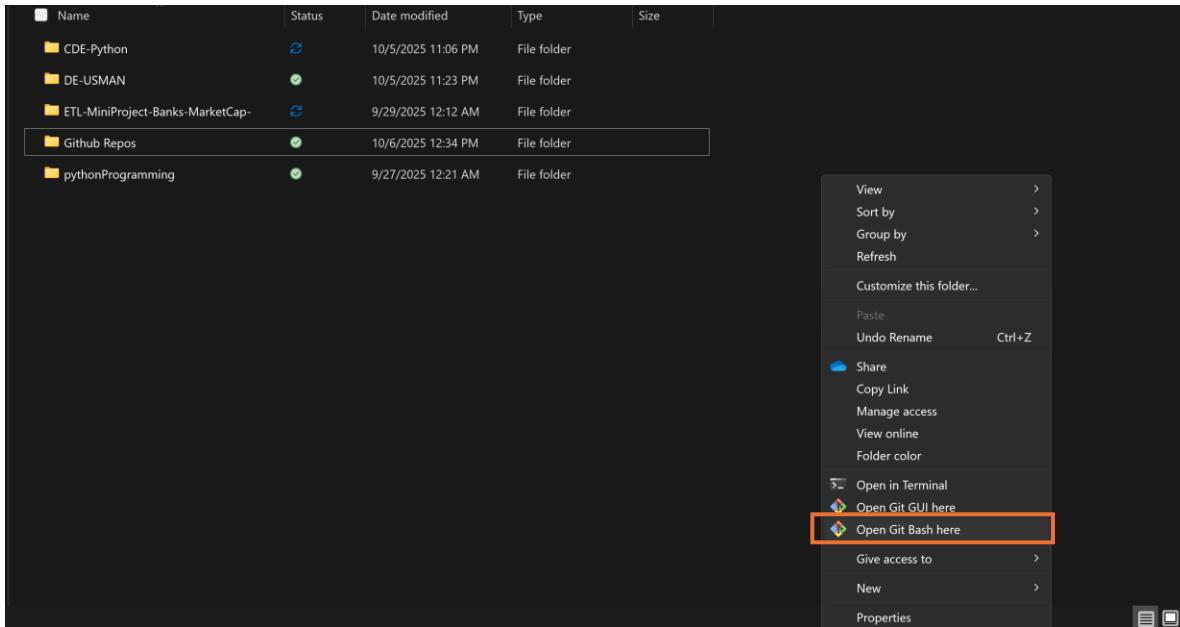
C:\Users\YourName\yourFolder



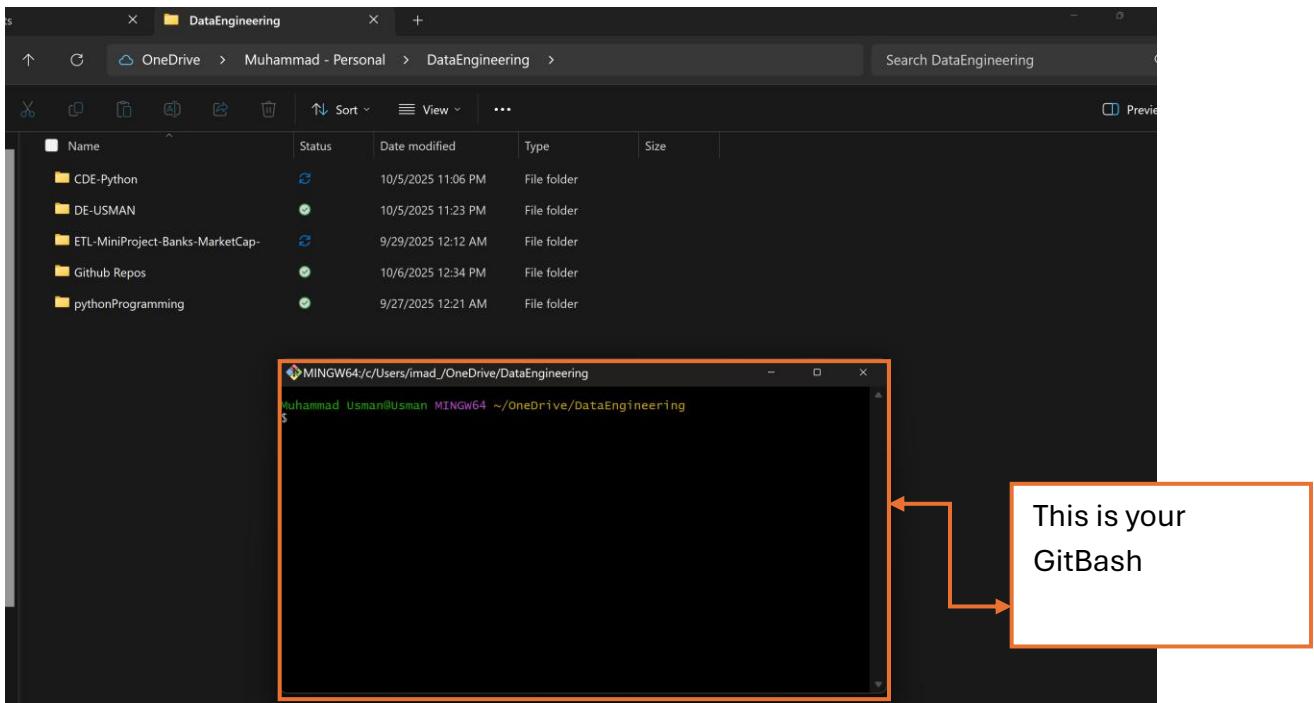
Create a folder

Step 2: Open Git Bash

Outside that folder right click and “open with gitbash”

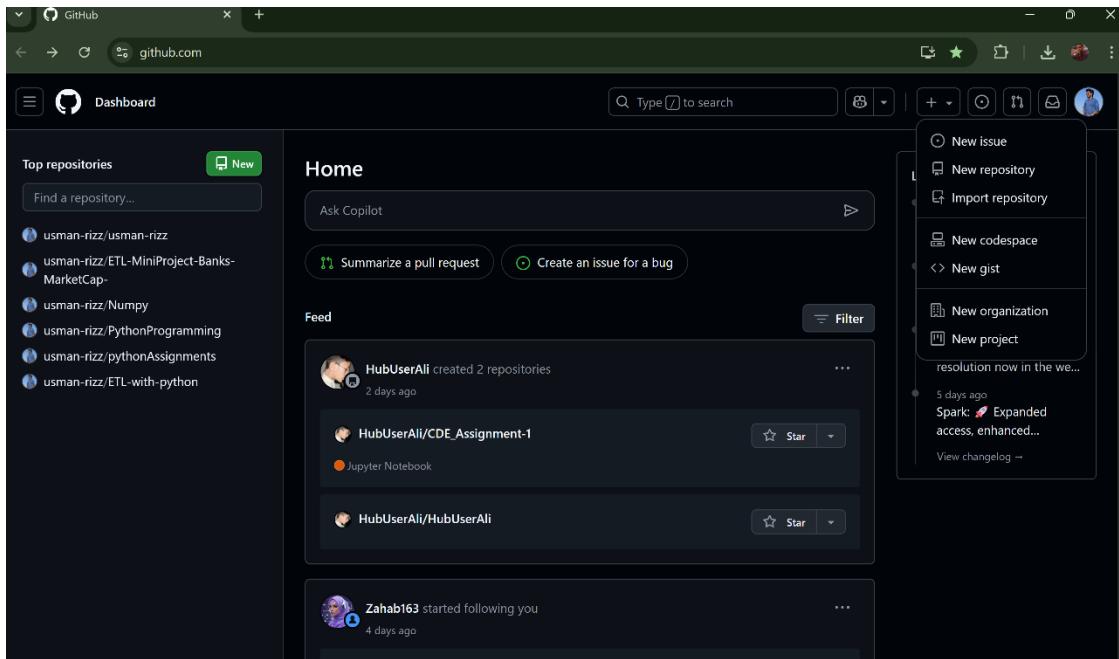


A black terminal window will appear, this is where you'll type all Git commands.



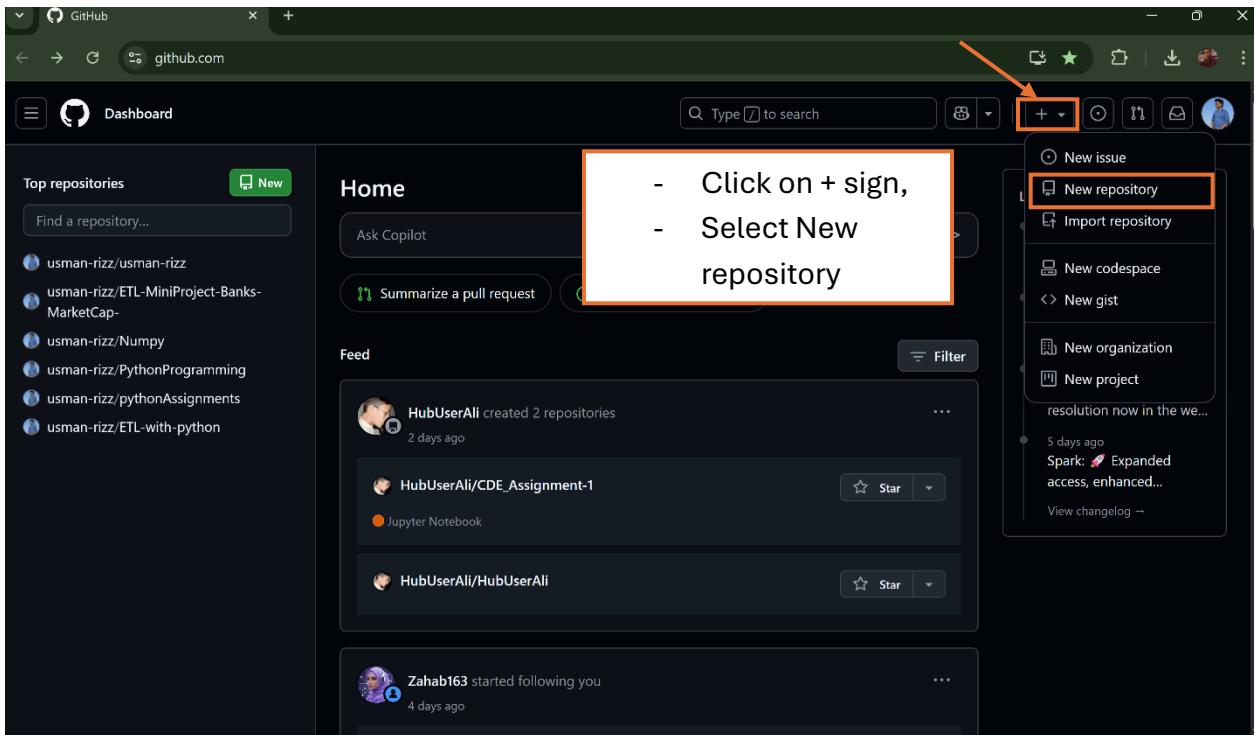
Step 3: Create a Repository in your GitHub

Open your GitHub after creating your account



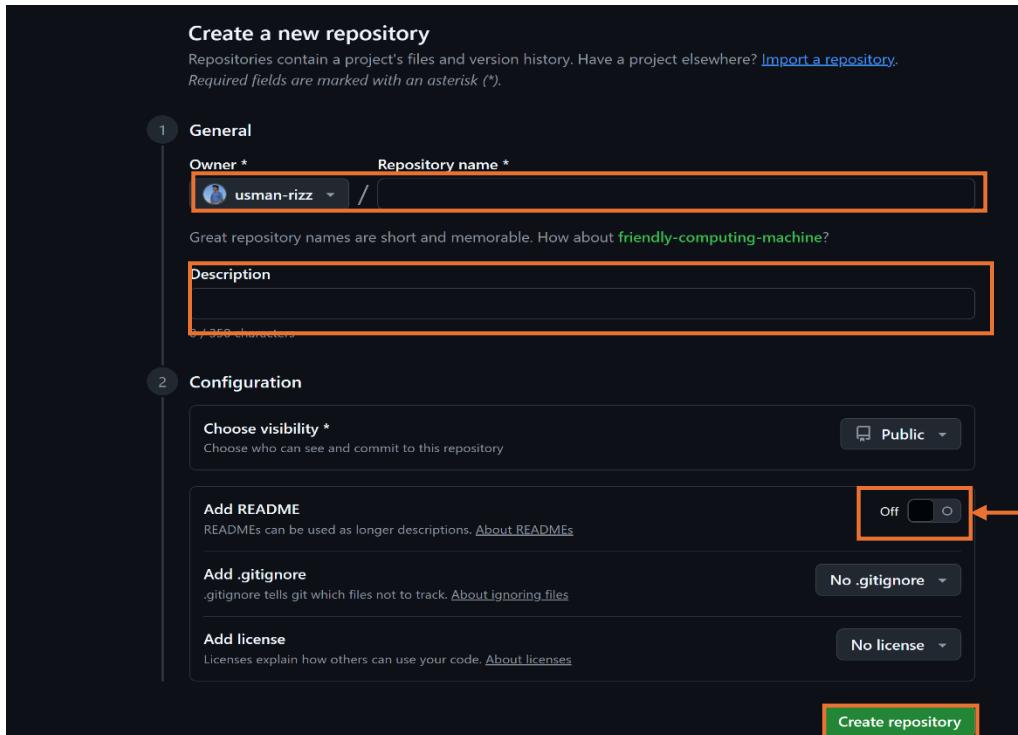
This is your Interface of GitHub where you can create your repository and push your work.

- Creating the Repository:



- Name your **repository** (eg: Introduction-GitHub-Cloning-Guide).
- Write the **description** what you repos says (eg: A beginner-friendly guide to understanding **Git** and **GitHub**. Learn how to install **Git Bash**, clone repositories, commit changes, and push your projects to GitHub step by step.)
- Create Repository

Successfully you have created your Repository.



- Now your Repository is Created.

usman-rizz / Introduction-to-Git-and-GitHub

Type to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Introduction-to-Git-and-GitHub Public

Pin Watch 0 Fork 0 Star 0

main Branch Tags

Go to file Add file

usman-rizz Initial commit 841c94e · now 1 Commit

README.md Initial commit now

README

About

A beginner-friendly guide to understanding Git and GitHub. Learn how to install Git Bash, clone repositories, commit changes, and push your projects to GitHub step by step

Readme Activity 0 stars 0 watching 0 forks

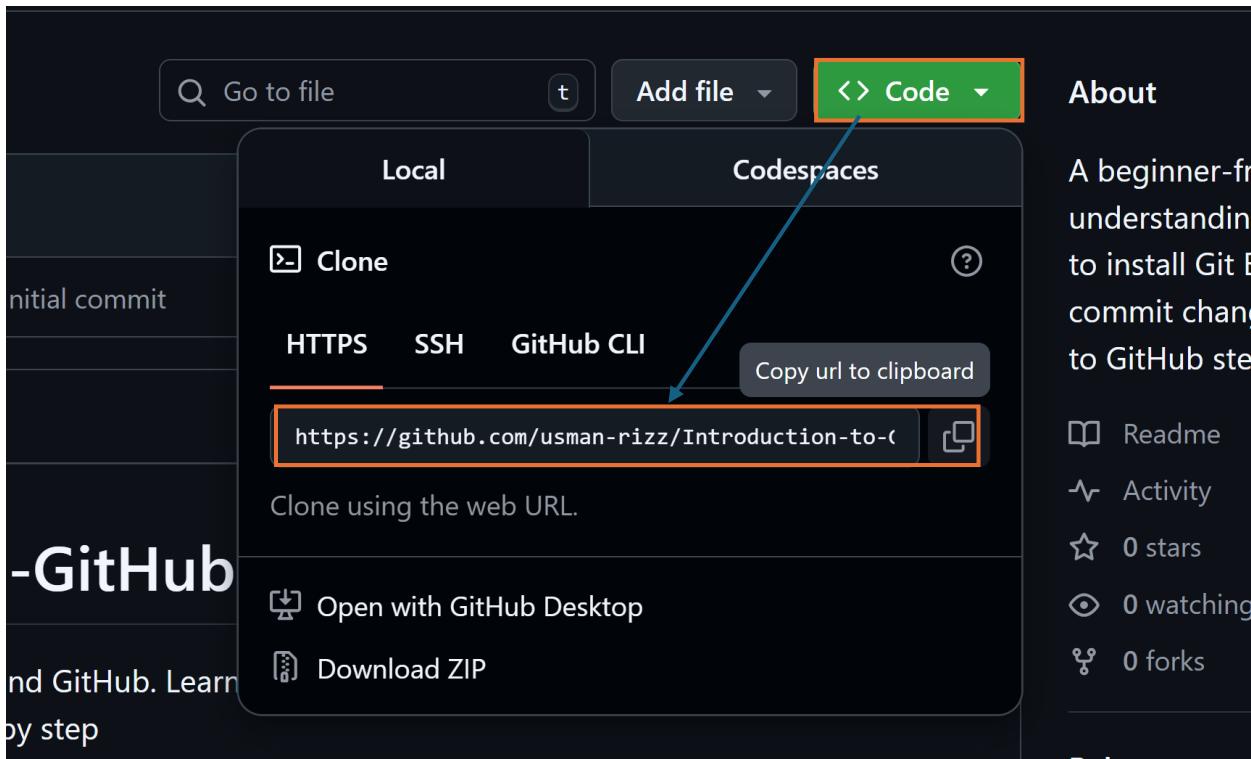
Releases

No releases published Create a new release

This is your description about your repo

If you want to Update ReadMe click on pen and edit

- Next step is to, Copy the Repository Link



Step 4: Back to GitBash Terminal

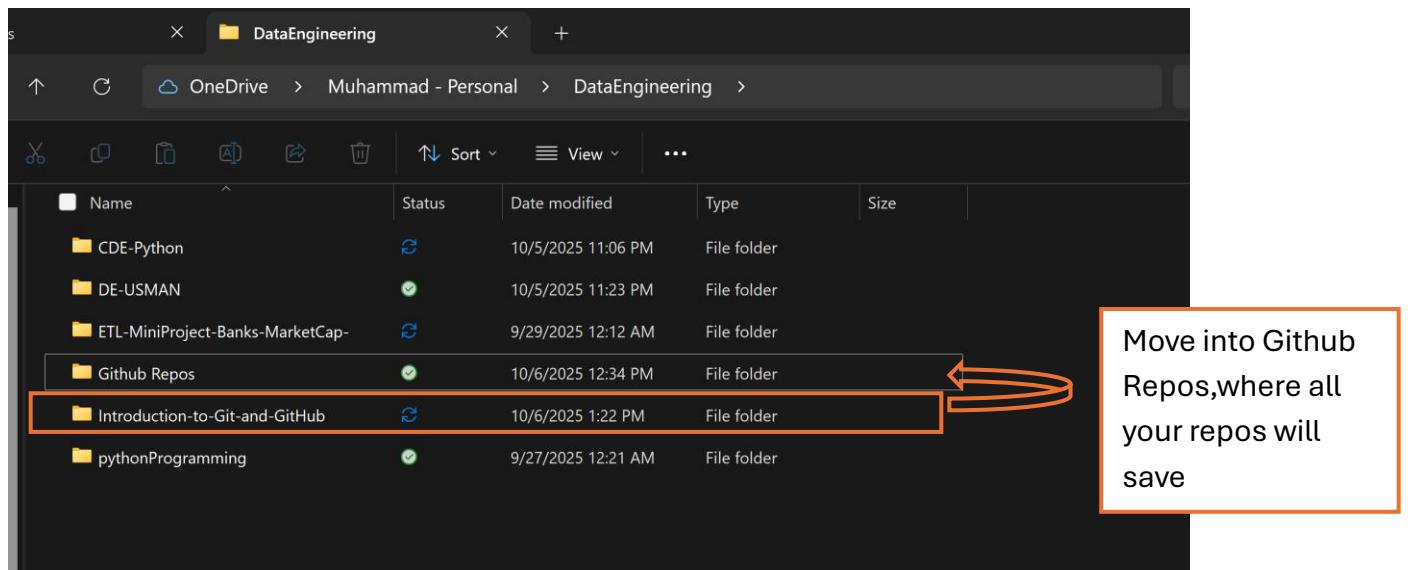
- Write the command:

Git clone <paste the link>

```
MINGW64:/c/Users/imad-/OneDrive/DataEngineering
$ git clone https://github.com/usman-rizz/Introduction-to-Git-and-GitHub.git
Cloning into 'Introduction-to-Git-and-GitHub'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

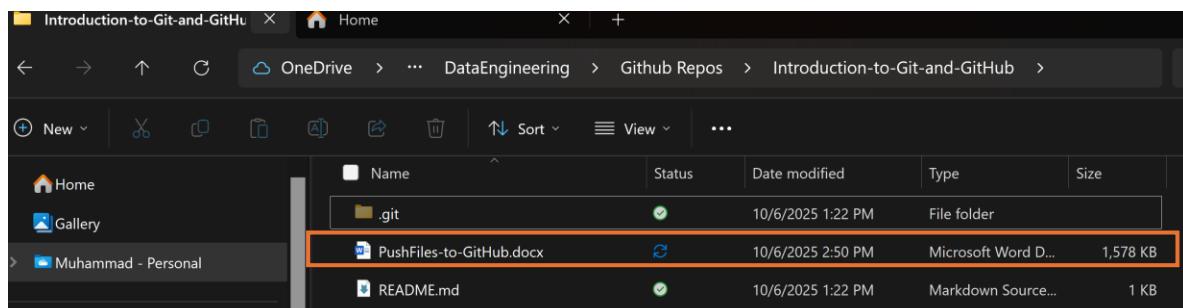
$
```

- After this close the GitBash.
- Here you can see a new Folder has been created that you named your Repository
- Inside that folder you can see two files .git and Readme file.
- Move your folder(Introduction-to-Git-and-GitHub) inside Github Repos

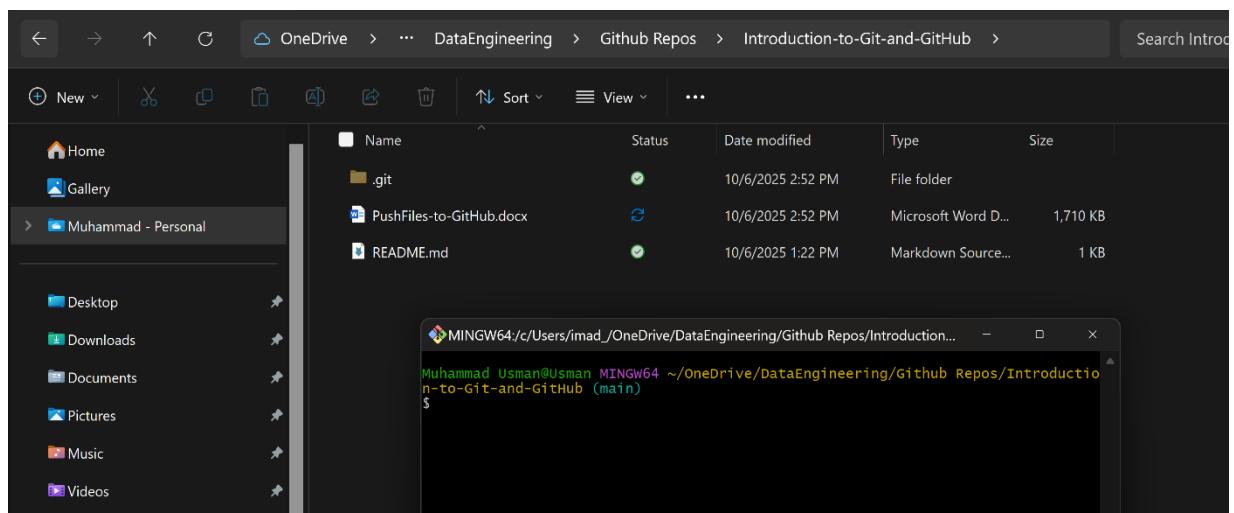


Step 5: Re-open Gitbash

- Open the folder that you have created “**intro to git**”. Inside this folder you can **place your work files (like ipynb, pdf, etc)**, which you have to upload on github.



- Right click and select **open to gitbash**.



- Write the commands one by one into gitBash:

METHOD-1 CLONING

```

1- git clone <your github link>
2- git config --global user.email "<your email>"
3- git config --global user.name "<your name>"

4- git status
5- git add <your filename> OR git add .
6- git commit -m "<any message>"
7- git push -u origin main

```

Command 1 is already done

Important Notes:

- Replace "youremail@example.com" with the **same email you used to create your GitHub account**.
- Replace "YourGitHubUsername" with your **actual GitHub username**.
- The word --global means this setup is **one-time only** for your computer. You don't need to do it again for every project Git will remember it.
- If you ever want to check what you've set, you can run:
- ***git config -list***

After completing Step 7, go back to your GitHub repository and **refresh the page**.

You'll now see **all your uploaded files or folders** appear there successfully pushed from your local system to GitHub! 🎉

