Steps:

1. Create a git repository (mlproject)
2. Create a folder in local system (I created in D drive)
3. Open VS code and navigate to the project folder path
4. Open terminal and create a new conda environment with specific python version
5. Activate the new environment.
6. Initialize git (git init)
7. Create a readme file in the folder.
8. Add the readme file to the git
9. Commit
10. Make this as a main branch
11. Configure remote origin
12. Push the readme file to git
13. Create a .gitignore file in the repository
14. Pull the git ignore file from the repository
15. Create 2 additional files ( requirements.txt and setup.py) in the project folder
16. Configure the setup.py file
17. Create a new folder called “src”
18. In the src folder create a new file called \_\_init\_\_.py
19. Add packages in the requirements.txt
20. Build the setup.py file
21. Pip install requirements.txt
22. Git commit setup
23. Git push -u origin main

Project structure, Logging and Exception Handling

1. Create components in src
2. Create \_\_init\_\_.py file here again
3. Create 2 additional py files ( data\_ingestion and data\_transformation)
4. Create model\_trainer.py file
5. Create a pipeline folder
6. In the pipeline folder, create a new file called train\_pipeline.py, predict\_pipeline.py and \_\_init\_\_.py
7. Now, add logger.py, exception.py and utils.py in src folder