# Step-1

1. Setup the github Repo:
   1. Create new Virtual environments using Conda:
      1. Open conda terminal & go to project location
      2. Type “ code .” to run Vscode
      3. Create virtyal env by typing command iin VS code terminal: conda create -p venv python==3.11 -y
      4. Activate the environment: conda activate venv/
   2. Initialize the project :
      1. In VScode venv cmd type: git init
      2. Commit the README.md file
         1. git add README.md
         2. git status
         3. git commit -m” First commit”
         4. git branch -M main
         5. git remote add origin https://github.com/sarthakkaushik/Car\_Prediction\_end\_to\_end.git
         6. git push -u origin main
      3. NOTE: if you are not login to you github you can do that by using git global config variable:
         1. $ git config --global user.name "John Doe"
         2. $ git config --global user.email johndoe@example.com
      4. Now create the git ignore file from github and select the python language and commit the file
      5. Now the pull the git ignore from github to your project so that folder and the files are up to date: command 🡪 git pull
2. Setup.py : will responsible in creating my ML application as a package ( and even deploy in pypi)
3. Requirment.txt- in the requirement .tx we add “-e .” in last line after our package , so that we can create package using our Setup.py file. But make sure to comment out this line if you wnt to install lib’s using pip install requirement.txt so that we don’t create our package again and again
4. SRC folder to build the package

# Step 2: Project Structure , Logging and Exception Handling

1. All code will written under src folder
2. Under src folder we will create component folder where all you data ingestion , transformation ..etc pipline will come
3. Please note that for all you folder creation will need to create \_\_init\_\_.py file