Start VS CODE

Open the folder in VS CODE WHERE WE WANT THE WHOLE PROJECT then create new terminal in VS code.

THEN THERE WE’LL CREATE COMPLETE ENV (WHICH MEANS IT WILL HAVE COMPLETE LIBRARIES REQUIRED FOR THE CONCERNED PROJECT).

Venvprojkrish = ENV NAME

ML\_Project\_Krish= FOLDER NAME WHERE PROJECT WILL BE STORE

In terminal:

D:\Data science\ML\_Project\_Krish>conda create -p venvprojkrish python==3.9

activate venvprojkrish/

Create repository in GITHUB

Create readme file in VS CODE

IN TERMINAL: (won’t add venvprojkrish) U means untracked, and A added

echo "# MLPROJKRISH" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/RP2912/MLPROJKRISH.git

git push -u origin main

create .gitignore folder in gitub and selct python template

then git pull origin main (gitignore can be seen in vs code and venv then be part of gitignore, which mean it will always ignore venv and won’t commit it)

ccrete folder in vscode : requirement.txt: include packages to install

then in terminal write pip install -r requirement.txt (to install packages written in requirement.txt)

Important step : setup.py file: (In Python, setup.py is a module used to build and distribute Python packages. It typically contains information about the package, such as its name, version, and dependencies, as well as instructions for building and installing the package.)

Setup.py file: from setuptools import find\_packages,setup

Also can use -e . in requirement.tx that will create setup.py file (need to check on it)

Then

git add .

git commit -m "first setup commit"

git push origin main

setup(

name='MLPROJECTKRISH',

version='0.0.1',

author='Rinkey',

author\_email= 'rinkeypal2419@gmail.com',

packages=find\_packages(),

install\_requires=['numpy','pandas']

)

Git add .

Git commit -m “First set up commit”

Git push origin main