Day 1: Agenda

1. set up github(repository)

a) new environment

b) setup.py

c) requirements.py

my notes:

first I created a folder and copied the address and then went to ananconda prompt and changed it to folder directory and typed -> code .

in visual code terminal type this to create a virtual environment

conda create -p venv python==3.13.5 -y

then type ->

conda activate venv/

git init

create a readme.md and git add readme.md and git commit -m “First commit”

git branch -M main

git remote add origin https://github.com/ashlanserrao/ml-project.git

git push -u origin main

then in github create a new file-> .gitignore ->template is python and commit changes

then in terminal type git pull

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create 2 new files in vs code -> setup.py and requirements.txt

in setup.py

from setuptools import find\_packages, setup

setup(

    name = 'ml-project',

    version = '0.0.1',

    author = 'Ashlan',

    author\_email = 'ashlanserrao4u@gmail.com',

    packages = find\_packages(),

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

) # just check the code there is more to type

And In requremnts.txt type all required packages and also type -> (-e .)

Then create a new folder named src, and within it create a file named \_\_init\_\_.py

pip install -r requirements.txt

git add . then git commit and finally git push -u origin main

Day 2:

Basically inside src create another folder called components

Which will have all steps as a separate python file

Like \_\_init.py, data\_ingestion.py, data\_transformation.py etc