Day:1-

Agenda:-

1:- Set up the github repository

* New environment :- conda create -p venv python==3.8 -y
* Setup.py :- to basically create the package

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.

* Requirements.txt (for all the packages we need) pip freeze >requirements.txt

2:- **Src folder** and build the package

Pip install -r requirements.txt ( to build the package), MLprojects.egg-info folder generated

Day:2-

1:- Create the project structure and the common functionality

* Logging
* Exceptional Handling

In **Src folder** create **new** **folder components** and add a file \_\_init\_\_.py because In future component will be use as package and it can be used in other file as import.

In components : (basically used for training purpose)

* data\_ingestion.py
* data\_tranformation.py
* model\_trainer.py
* \_\_init\_\_.py

In **Src folder** create **new** **folder pipeline**

In pipeline:-

* train\_pipeline.py
* predict\_pipeline.py
* \_\_init\_\_.py

**In Src folder** we create 3 different type of **.py file :**

* **Logger.py**
* **Exception.py**
* **Utils.py**