End to End DS project

1. Set up github { repo}
   1. New environment
   2. Setup.py
   3. Requirements.txt

Here u don’t have to write -e . and it also worked

To clone from my github account I did “git clone https://github.com/tej0804/MLproject.git”

1. Creating folders in src
   1. **Components** – ALL THE MODULES ON DATA
      1. **\_\_init\_\_.py** : basically since components is installed as packages here, it can be exported and imported when we have this file
      2. **data\_ingestion.py** : basically reading the data from dataset : train + test, validation data etc
      3. **data\_transformation**.py : how to do one hot encoding/ label encoding/ categorical to numerical features etc
      4. **model\_trainer.py**: what model are we using etc
   2. **Pipelines –** 
      1. **\_\_init\_\_.py**
      2. **Train\_pipeline.py :** to call all the files from components
      3. **Predict\_pipeline.**py : to do the prediction
   3. **Logger.py :**  for logging
   4. **Exception.py :**  any exceptions
      1. Search in google -> exception python
   5. **Utils.py :** common functionalities