

README file for MTP-2

1. Work 1: Running CNN models

Following steps are to be followed:

- a) The file is present both as “CNN-final.ipynb” and “CNN-final.py”.
- b) The code reads data and runs the model on it.
- c) Run the command “python CNN-final.py” to run the file.
- d) The file can also be run in google colab or jupyter notebook.

2. Work 2: Running the yolov5 algorithm

Following steps are to be followed:

- a) The file is present both as “Yolov5.ipynb” and “Yolov5.py”.
- b) Open the file in google colab or in a local environment.
- c) The data to be read is present in my folder itself.

3. Work 3: Running the Xgboost algorithm

Following steps are to be followed:

- a) The file is present as “Xgboost.ipynb”
- b) Open the file in google colab or jupyter notebook and simply run all the cells.

4. Work 4: Running the Efficientnet B0 algorithm

Following steps are to be followed:

- a) The file is present both as “EfficientNet.ipynb” and “EfficientNet.py”.
- b) It reads data from the folder itself.
- c) Open the file in google colab or jupyter notebook and simply run all the cells.