

# PROJECT NAME : AI-based localization and classification of skin disease with erythema.

TEAM ID : PNT2022TMID03996

## TRAIN YOLOv3 DETECTOR

```
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File "C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\2_Training\Train_YOLO.py", line 27, in <module>
    import keras.backend as K
File "C:\Users\K L J Varshini\anaconda3\lib\site-packages\keras\__init__.py", line 21, in <module>
    from tensorflow.python import tf2
ModuleNotFoundError: No module named 'tensorflow'
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\2_Training> pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.10.0-cp39-cp39-win_amd64.whl (455.9 MB)
    Requirement already satisfied: setuptools in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (61.2.0)
Collecting tensorflow-io-gcs-filesystem>=0.23.1
  Downloading tensorflow_io_gcs_filesystem-0.27.0-cp39-cp39-win_amd64.whl (1.5 MB)
    Requirement already satisfied: protobuf<3.20,>=3.9.2 in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (3.19.1)
Collecting termcolor>=1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
Collecting opt-einsum>=2.3.2
  Downloading opt_einsum-3.3.0-py3-none-any.whl (65 kB)
Collecting google-pasta>=0.1.1
  Downloading google_pasta-0.2.0-py3-none-any.whl (57 kB)
Collecting libclang>=13.0.0
  Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)
Collecting tensorboard>=2.11.0
  Downloading tensorboard-2.11.0-py3-none-any.whl (5.9 MB)
Collecting tensorflow-estimator<2.11.0, >=2.10.0
  Downloading tensorflow_estimator-2.10.0-py2.py3-none-any.whl (438 kB)
Collecting keras-preprocessing>=1.1.1
  Downloading Keras-Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (4.1.1)
Requirement already satisfied: h5py>=2.9.0 in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (3.6.0)
Requirement already satisfied: numpy>=1.20 in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (1.21.5)
Requirement already satisfied: grpcio>=2.0, <=1.24.3 in c:\users\k l j varshini\anaconda3\lib\site-packages (from tensorflow) (1.42.0)
Collecting absl-py>=1.0.0
```

```
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File "C:\Users\K L J Varshini\anaconda3\lib\site-packages\pandas\io\parsers\readers.py", line 933, in __init__
    self._engine = self._make_engine(f, self._engine)
File "C:\Users\K L J Varshini\anaconda3\lib\site-packages\pandas\io\parsers\readers.py", line 1217, in _make_engine
    self._handles = get_handle( # type: ignore[call-overload]
File "C:\Users\K L J Varshini\anaconda3\lib\site-packages\pandas\io\common.py", line 789, in get_handle
    handle = open(
FileNotFoundError: [Errno 2] No such file or directory: 'C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\Data\Source_Images\Training_Images\vott-csv-export\Annotations-export.csv'
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\1_Image_Annotation> python Convert_to_YOLO_format.py
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\1_Image_Annotation> python Convert_to_YOLO_format.py -h
usage: Convert_to_YOLO_format.py [-h] [--VoTT_Folder VOTT_FOLDER]
                                [--VoTT_csv VOTT_CSV]
                                [--YOLO_filename YOLO_FILENAME]

optional arguments:
  -h, --help            show this help message and exit
  --VoTT_Folder VOTT_FOLDER
                        Absolute path to the exported files from the image
                        tagging step with VoTT. Default is C:\Users\K L J
                        Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-16
                        59701859\yolo_structure\Data\Source_Images\Trainin
                        g_Images\vott-csv-export
  --VoTT_csv VOTT_CSV
                        Absolute path to the *.csv file exported from
                        VoTT. Default is C:\Users\K L J
                        Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-16
                        59701859\yolo_structure\Data\Source_Images\Trainin
                        g_Images\vott-csv-export\Annotations-export.csv
  --YOLO_filename YOLO_FILENAME
                        Absolute path to the file where the annotations in
                        YOLO format should be saved. Default is C:\Users\K
                        L J Varshini\OneDrive\Desktop\IBM\IBM-Project-1959
                        3-1659701859\yolo_structure\Data\Source_Images\Tra
                        ining_Images\vott-csv-export\data_train.txt
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\1_Image_Annotation> cd ..
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure> cd 2_Training
(base) PS C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\2_Training> python Download_and_Convert_YOLO_weights.py
Traceback (most recent call last):
  File "C:\Users\K L J Varshini\OneDrive\Desktop\IBM\IBM-Project-19593-1659701859\yolo_structure\2_Training\Download_and_Convert_YOLO_weights.py", line 7, in
    import progressbar
```