+ Code   + Text

Training the Model

```
[ ]  !python3 /content/drive/MyDrive/IBM_PROJECT/yolo_structure/2_Training/Train_YOLO.py
```

```
Create YOLOv3 model with 9 anchors and 3 classes.
Load weights /content/drive/MyDrive/yolo_structure/2_Training/src/keras_yolo3/yolo.h5.
Freeze the first 249 layers of total 252 layers.
8888888888888888888********************************988888888888888888888888888888888888888
['/content/drive/MyDrive/yolo_structure/Data/Source_Images/Training_Images/vott-csv-export/3_113%20Rosacea%20Stock%20Photos%20-%20Free%20(1).jpg 297,221,
Train on 179 samples, val on 19 samples, with batch size 32.
Epoch 1/51
5/5 [==============================] - 76s 14s/step - loss: 7597.4429 - val_loss: 5291.0063
Epoch 2/51
5/5 [==============================] - 20s 5s/step - loss: 4473.0596 - val_loss: 3142.2749
Epoch 3/51
5/5 [==============================] - 20s 5s/step - loss: 2614.4851 - val_loss: 1810.0883
Epoch 4/51
5/5 [==============================] - 20s 5s/step - loss: 1510.6846 - val_loss: 1055.4060
Epoch 5/51
5/5 [==============================] - 23s 6s/step - loss: 976.7414 - val_loss: 854.2465
Epoch 6/51
5/5 [==============================] - 21s 5s/step - loss: 700.7058 - val_loss: 513.0850
Epoch 7/51
5/5 [==============================] - 21s 5s/step - loss: 516.1421 - val_loss: 419.3573
Epoch 8/51
5/5 [==============================] - 20s 5s/step - loss: 392.4035 - val_loss: 354.9153
Epoch 9/51
5/5 [==============================] - 22s 5s/step - loss: 328.7176 - val_loss: 278.6856
```

Trained Model

Files

..

- ▶ 📁 2_Training
- ▶ 📁 3_Inference
- ▼ 📁 Data
  - ▼ 📁 Model_Weights
    - ▶ 📁 1666795896
    - ▶ 📁 1667463994
    - ▶ 📁 1667484496
    - ▶ 📁 1667677132
    - ▶ 📁 1667704510
    - ▶ 📁 1667705848
    - 📄 Download_Weights.py
    - 📄 Download_Weights.sh
    - 📄 checkpoint.h5
    - 📄 data_classes.txt
    - 📄 trained_weights_final.h5
    - 📄 trained_weights_stage_1.h5
  - ▶ 📁 Source_Images

Disk ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬ 85.16 GB available