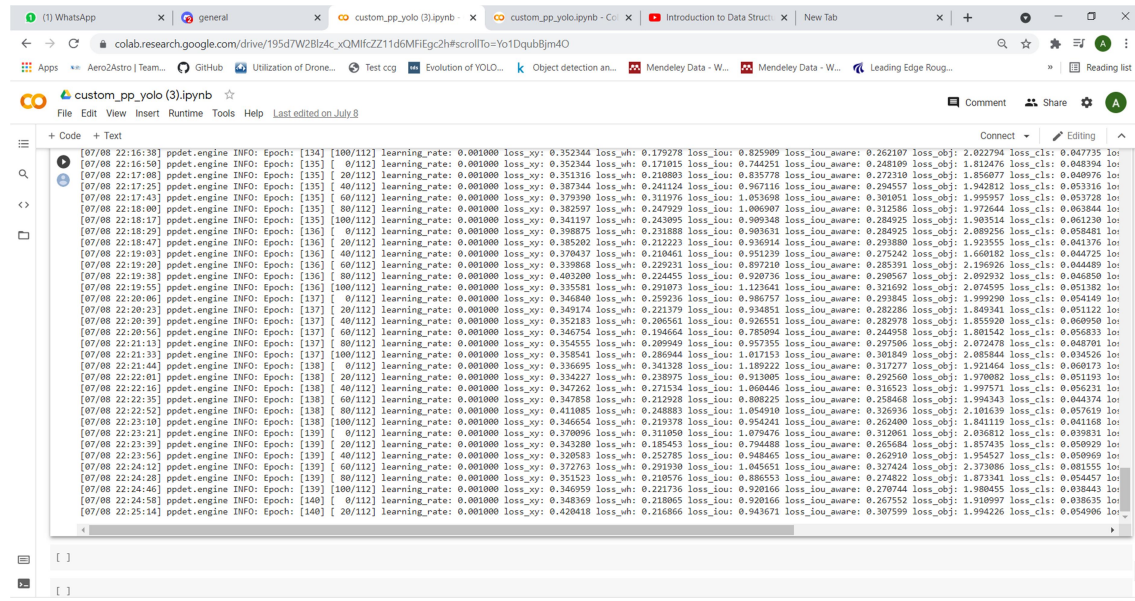


## Work report 9\_july\_2021

Today I have resumed the training part of pp yolo I trained upto 140 epochs the pretrained weights I have used was weights at 127 epochs.



```
[07/08 22:16:38] ppdet.engine INFO: Epoch: [134] [0/112] learning_rate: 0.001000 loss_xy: 0.352344 loss_wh: 0.179278 loss_iou: 0.825989 loss_iou_aware: 0.262187 loss_obj: 2.022794 loss_cls: 0.047735 loss_l1: 0.048394
[07/08 22:16:50] ppdet.engine INFO: Epoch: [135] [0/112] learning_rate: 0.001000 loss_xy: 0.352344 loss_wh: 0.171015 loss_iou: 0.744251 loss_iou_aware: 0.248189 loss_obj: 1.812476 loss_cls: 0.048394 loss_l1: 0.048394
[07/08 22:17:08] ppdet.engine INFO: Epoch: [135] [20/112] learning_rate: 0.001000 loss_xy: 0.351316 loss_wh: 0.210883 loss_iou: 0.835778 loss_iou_aware: 0.272310 loss_obj: 1.856877 loss_cls: 0.040976 loss_l1: 0.051230
[07/08 22:17:25] ppdet.engine INFO: Epoch: [135] [40/112] learning_rate: 0.001000 loss_xy: 0.367344 loss_wh: 0.241124 loss_iou: 0.967116 loss_iou_aware: 0.254557 loss_obj: 1.942812 loss_cls: 0.053116 loss_l1: 0.053116
[07/08 22:17:43] ppdet.engine INFO: Epoch: [135] [60/112] learning_rate: 0.001000 loss_xy: 0.379390 loss_wh: 0.311976 loss_iou: 1.053698 loss_iou_aware: 0.301051 loss_obj: 1.959557 loss_cls: 0.053728 loss_l1: 0.053728
[07/08 22:18:00] ppdet.engine INFO: Epoch: [135] [80/112] learning_rate: 0.001000 loss_xy: 0.382597 loss_wh: 0.247929 loss_iou: 1.006907 loss_iou_aware: 0.312586 loss_obj: 1.972644 loss_cls: 0.063844 loss_l1: 0.063844
[07/08 22:18:17] ppdet.engine INFO: Epoch: [135] [100/112] learning_rate: 0.001000 loss_xy: 0.341197 loss_wh: 0.243095 loss_iou: 0.909340 loss_iou_aware: 0.284925 loss_obj: 1.903514 loss_cls: 0.061230 loss_l1: 0.061230
[07/08 22:18:30] ppdet.engine INFO: Epoch: [136] [0/112] learning_rate: 0.001000 loss_xy: 0.398875 loss_wh: 0.231888 loss_iou: 0.903631 loss_iou_aware: 0.284925 loss_obj: 2.089256 loss_cls: 0.058481 loss_l1: 0.058481
[07/08 22:18:47] ppdet.engine INFO: Epoch: [136] [20/112] learning_rate: 0.001000 loss_xy: 0.385202 loss_wh: 0.212223 loss_iou: 0.936914 loss_iou_aware: 0.293800 loss_obj: 1.923555 loss_cls: 0.041376 loss_l1: 0.041376
[07/08 22:19:03] ppdet.engine INFO: Epoch: [136] [40/112] learning_rate: 0.001000 loss_xy: 0.370437 loss_wh: 0.210461 loss_iou: 0.951239 loss_iou_aware: 0.275242 loss_obj: 1.660182 loss_cls: 0.044725 loss_l1: 0.044725
[07/08 22:19:20] ppdet.engine INFO: Epoch: [136] [60/112] learning_rate: 0.001000 loss_xy: 0.339068 loss_wh: 0.229211 loss_iou: 0.807210 loss_iou_aware: 0.285391 loss_obj: 2.156026 loss_cls: 0.044489 loss_l1: 0.044489
[07/08 22:19:38] ppdet.engine INFO: Epoch: [136] [80/112] learning_rate: 0.001000 loss_xy: 0.403200 loss_wh: 0.224455 loss_iou: 0.920736 loss_iou_aware: 0.290567 loss_obj: 2.092932 loss_cls: 0.046850 loss_l1: 0.046850
[07/08 22:19:55] ppdet.engine INFO: Epoch: [136] [100/112] learning_rate: 0.001000 loss_xy: 0.335581 loss_wh: 0.291073 loss_iou: 1.123641 loss_iou_aware: 0.321692 loss_obj: 2.074595 loss_cls: 0.051382 loss_l1: 0.051382
[07/08 22:20:06] ppdet.engine INFO: Epoch: [137] [0/112] learning_rate: 0.001000 loss_xy: 0.346840 loss_wh: 0.259236 loss_iou: 0.986757 loss_iou_aware: 0.293845 loss_obj: 1.999290 loss_cls: 0.051449 loss_l1: 0.051449
[07/08 22:20:23] ppdet.engine INFO: Epoch: [137] [20/112] learning_rate: 0.001000 loss_xy: 0.349174 loss_wh: 0.221379 loss_iou: 0.934851 loss_iou_aware: 0.282286 loss_obj: 1.849341 loss_cls: 0.051122 loss_l1: 0.051122
[07/08 22:20:39] ppdet.engine INFO: Epoch: [137] [40/112] learning_rate: 0.001000 loss_xy: 0.352183 loss_wh: 0.206561 loss_iou: 0.926551 loss_iou_aware: 0.282978 loss_obj: 1.855920 loss_cls: 0.060950 loss_l1: 0.060950
[07/08 22:20:56] ppdet.engine INFO: Epoch: [137] [60/112] learning_rate: 0.001000 loss_xy: 0.346754 loss_wh: 0.194664 loss_iou: 0.785094 loss_iou_aware: 0.244950 loss_obj: 1.801542 loss_cls: 0.056833 loss_l1: 0.056833
[07/08 22:21:13] ppdet.engine INFO: Epoch: [137] [80/112] learning_rate: 0.001000 loss_xy: 0.354555 loss_wh: 0.206949 loss_iou: 0.957355 loss_iou_aware: 0.297586 loss_obj: 2.072478 loss_cls: 0.048701 loss_l1: 0.048701
[07/08 22:21:33] ppdet.engine INFO: Epoch: [137] [100/112] learning_rate: 0.001000 loss_xy: 0.358541 loss_wh: 0.286944 loss_iou: 1.017153 loss_iou_aware: 0.301849 loss_obj: 2.085844 loss_cls: 0.034526 loss_l1: 0.034526
[07/08 22:21:44] ppdet.engine INFO: Epoch: [138] [0/112] learning_rate: 0.001000 loss_xy: 0.336695 loss_wh: 0.341328 loss_iou: 1.189222 loss_iou_aware: 0.312727 loss_obj: 1.921464 loss_cls: 0.060173 loss_l1: 0.060173
[07/08 22:22:01] ppdet.engine INFO: Epoch: [138] [20/112] learning_rate: 0.001000 loss_xy: 0.334227 loss_wh: 0.238075 loss_iou: 0.913805 loss_iou_aware: 0.292569 loss_obj: 1.978082 loss_cls: 0.051193 loss_l1: 0.051193
[07/08 22:22:16] ppdet.engine INFO: Epoch: [138] [40/112] learning_rate: 0.001000 loss_xy: 0.347262 loss_wh: 0.271534 loss_iou: 1.060446 loss_iou_aware: 0.316523 loss_obj: 1.995771 loss_cls: 0.056231 loss_l1: 0.056231
[07/08 22:22:35] ppdet.engine INFO: Epoch: [138] [60/112] learning_rate: 0.001000 loss_xy: 0.347858 loss_wh: 0.212928 loss_iou: 0.888225 loss_iou_aware: 0.258468 loss_obj: 1.994343 loss_cls: 0.044374 loss_l1: 0.044374
[07/08 22:22:52] ppdet.engine INFO: Epoch: [138] [80/112] learning_rate: 0.001000 loss_xy: 0.411005 loss_wh: 0.240883 loss_iou: 1.054910 loss_iou_aware: 0.326936 loss_obj: 2.101639 loss_cls: 0.057619 loss_l1: 0.057619
[07/08 22:23:10] ppdet.engine INFO: Epoch: [138] [100/112] learning_rate: 0.001000 loss_xy: 0.346654 loss_wh: 0.219378 loss_iou: 0.954241 loss_iou_aware: 0.262400 loss_obj: 1.841119 loss_cls: 0.041168 loss_l1: 0.041168
[07/08 22:23:21] ppdet.engine INFO: Epoch: [139] [0/112] learning_rate: 0.001000 loss_xy: 0.370906 loss_wh: 0.311050 loss_iou: 1.079476 loss_iou_aware: 0.312061 loss_obj: 2.036812 loss_cls: 0.039831 loss_l1: 0.039831
[07/08 22:23:39] ppdet.engine INFO: Epoch: [139] [20/112] learning_rate: 0.001000 loss_xy: 0.343280 loss_wh: 0.185453 loss_iou: 0.794488 loss_iou_aware: 0.265684 loss_obj: 1.857435 loss_cls: 0.050929 loss_l1: 0.050929
[07/08 22:23:56] ppdet.engine INFO: Epoch: [139] [40/112] learning_rate: 0.001000 loss_xy: 0.320583 loss_wh: 0.252785 loss_iou: 0.948465 loss_iou_aware: 0.262910 loss_obj: 1.954527 loss_cls: 0.050969 loss_l1: 0.050969
[07/08 22:24:12] ppdet.engine INFO: Epoch: [139] [60/112] learning_rate: 0.001000 loss_xy: 0.372763 loss_wh: 0.291930 loss_iou: 1.045651 loss_iou_aware: 0.327424 loss_obj: 2.173086 loss_cls: 0.081555 loss_l1: 0.081555
[07/08 22:24:28] ppdet.engine INFO: Epoch: [139] [80/112] learning_rate: 0.001000 loss_xy: 0.351523 loss_wh: 0.210576 loss_iou: 0.880553 loss_iou_aware: 0.274822 loss_obj: 1.873341 loss_cls: 0.054457 loss_l1: 0.054457
[07/08 22:24:46] ppdet.engine INFO: Epoch: [139] [100/112] learning_rate: 0.001000 loss_xy: 0.346059 loss_wh: 0.221736 loss_iou: 0.920166 loss_iou_aware: 0.270744 loss_obj: 1.908455 loss_cls: 0.038443 loss_l1: 0.038443
[07/08 22:24:58] ppdet.engine INFO: Epoch: [140] [0/112] learning_rate: 0.001000 loss_xy: 0.348369 loss_wh: 0.218065 loss_iou: 0.920166 loss_iou_aware: 0.267552 loss_obj: 1.910997 loss_cls: 0.038635 loss_l1: 0.038635
[07/08 22:25:14] ppdet.engine INFO: Epoch: [140] [20/112] learning_rate: 0.001000 loss_xy: 0.420418 loss_wh: 0.216866 loss_iou: 0.943671 loss_iou_aware: 0.307599 loss_obj: 1.994226 loss_cls: 0.054906 loss_l1: 0.054906
```

Loss is still around 3 to 4 and I have tried to detect the object from the weights of (127+127)Epochs it doesn't detect the objects yet.