

Panneerselvam N (15/07/2021)

Today i had trained PP_Yolo Model with 110 epochs . At the 70th epochs , i had faced GPU timeout, so changed to another google account and started to training. The minimum loss is 36, and loss fluctuates in between of 30 to 45.

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loss_xy: 2.696553 loss_wh: 3.087202 loss_iou: 8.879749 loss_iou_aware: 1.793692 loss_obj: 20.444155 loss_cls: 5.716971 loss: 43.930523
loss_xy: 2.442012 loss_wh: 3.446730 loss_iou: 9.651711 loss_iou_aware: 1.891273 loss_obj: 17.618053 loss_cls: 5.869512 loss: 42.077202
loss_xy: 2.214564 loss_wh: 3.129063 loss_iou: 7.999393 loss_iou_aware: 1.696888 loss_obj: 18.873018 loss_cls: 5.568855 loss: 37.825615
loss_xy: 2.537104 loss_wh: 3.126286 loss_iou: 9.306917 loss_iou_aware: 1.774655 loss_obj: 17.457054 loss_cls: 5.506201 loss: 39.576920
loss_xy: 2.187276 loss_wh: 2.451833 loss_iou: 8.655661 loss_iou_aware: 1.593870 loss_obj: 15.851661 loss_cls: 5.058925 loss: 38.702682
loss_xy: 2.074625 loss_wh: 2.528156 loss_iou: 8.451739 loss_iou_aware: 1.598543 loss_obj: 16.429413 loss_cls: 4.739215 loss: 36.238163
loss_xy: 2.730459 loss_wh: 3.497683 loss_iou: 9.872509 loss_iou_aware: 1.995395 loss_obj: 20.356243 loss_cls: 6.632155 loss: 44.569645
loss_xy: 2.446843 loss_wh: 2.815600 loss_iou: 8.810624 loss_iou_aware: 1.779920 loss_obj: 17.699768 loss_cls: 6.925396 loss: 40.425808
loss_xy: 2.325652 loss_wh: 3.566822 loss_iou: 10.086437 loss_iou_aware: 1.648794 loss_obj: 15.237713 loss_cls: 5.523227 loss: 38.218353
loss_xy: 2.095330 loss_wh: 2.651705 loss_iou: 8.696445 loss_iou_aware: 1.763856 loss_obj: 17.058357 loss_cls: 5.242851 loss: 36.421078
loss_xy: 2.127738 loss_wh: 2.482385 loss_iou: 7.889966 loss_iou_aware: 1.624099 loss_obj: 15.481413 loss_cls: 6.040655 loss: 37.553955
loss_xy: 2.966440 loss_wh: 4.086296 loss_iou: 12.299253 loss_iou_aware: 2.249929 loss_obj: 22.029922 loss_cls: 7.962071 loss: 45.686333
loss_xy: 2.596046 loss_wh: 3.551614 loss_iou: 9.468222 loss_iou_aware: 1.874164 loss_obj: 18.352234 loss_cls: 5.631687 loss: 41.182678
loss_xy: 2.822471 loss_wh: 3.431686 loss_iou: 11.447381 loss_iou_aware: 2.090236 loss_obj: 19.234335 loss_cls: 6.718648 loss: 45.763233
loss_xy: 2.598112 loss_wh: 3.309649 loss_iou: 9.442600 loss_iou_aware: 1.770033 loss_obj: 18.380741 loss_cls: 5.608378 loss: 39.912888
loss_xy: 2.381436 loss_wh: 3.370403 loss_iou: 10.830467 loss_iou_aware: 2.010338 loss_obj: 19.080446 loss_cls: 5.289332 loss: 40.725361
loss_xy: 1.795858 loss_wh: 1.828477 loss_iou: 6.321956 loss_iou_aware: 1.467550 loss_obj: 14.874362 loss_cls: 4.436295 loss: 31.468508
loss_xy: 2.775879 loss_wh: 3.815286 loss_iou: 11.043645 loss_iou_aware: 1.985136 loss_obj: 20.458965 loss_cls: 6.834194 loss: 46.888840
loss_xy: 2.324286 loss_wh: 3.530566 loss_iou: 9.490121 loss_iou_aware: 1.736222 loss_obj: 16.107765 loss_cls: 5.332136 loss: 38.528088
loss_xy: 2.464115 loss_wh: 3.377388 loss_iou: 9.826448 loss_iou_aware: 1.872478 loss_obj: 17.304283 loss_cls: 4.878964 loss: 39.784557
loss_xy: 2.639510 loss_wh: 2.871939 loss_iou: 10.192407 loss_iou_aware: 2.218091 loss_obj: 18.397032 loss_cls: 6.987139 loss: 47.153473
loss_xy: 2.366472 loss_wh: 2.867970 loss_iou: 9.341130 loss_iou_aware: 1.847932 loss_obj: 17.760284 loss_cls: 5.483245 loss: 40.022896
loss_xy: 2.335784 loss_wh: 3.226522 loss_iou: 10.308372 loss_iou_aware: 2.004496 loss_obj: 16.962399 loss_cls: 5.880806 loss: 39.660912
loss_xy: 2.435027 loss_wh: 2.816404 loss_iou: 9.925021 loss_iou_aware: 1.906726 loss_obj: 15.917236 loss_cls: 6.156062 loss: 40.209438
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Link : [https://github.com/Panneer003/Aero2astro_code/blob/main/PP_Yolo_with_official/PP_yolo_1000_instance_2.ipynb](https://github.com/Panneer003/Aero2astro_code/blob/main/PP_Yolo_with_official_PP_yolo_1000_instance_2.ipynb)