Work report 13 july 2021

Firstly I downloaded the person category images and json file.
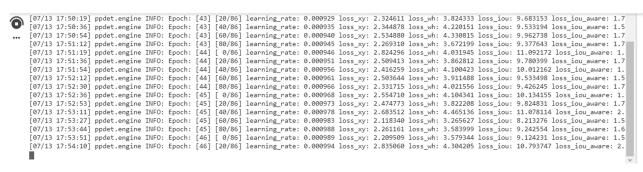
Once we got the data I started the training. I set the epochs to be 1500.
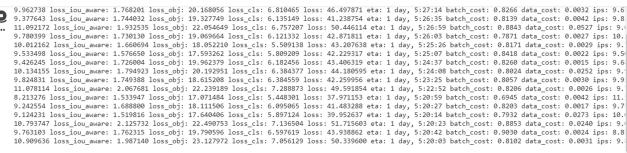
With

Batch size -8

Learning rate -0.001

The model is currently training

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[07/13 17:50:19] ppdet.engine INFO: Epoch: [43] [20/86] learning_rate: 0.000929 loss_xy: 2.324611 loss_wh: 3.824333 loss_iou: 9.683153 loss_iou_aware: 1.7
[07/13 17:50:36] ppdet.engine INFO: Epoch: [43] [40/86] learning_rate: 0.000935 loss_xy: 2.344878 loss_wh: 4.220151 loss_iou: 9.533194 loss_iou_aware: 1.5
[07/13 17:50:54] ppdet.engine INFO: Epoch: [43] [60/86] learning_rate: 0.000940 loss_xy: 2.534880 loss_wh: 4.330815 loss_iou: 9.962738 loss_iou_aware: 1.7
[07/13 17:51:12] ppdet.engine INFO: Epoch: [43] [80/86] learning_rate: 0.000945 loss_xy: 2.269310 loss_wh: 3.672199 loss_iou: 9.377643 loss_iou_aware: 1.7
[07/13 17:51:19] ppdet.engine INFO: Epoch: [44] [ 0/86] learning_rate: 0.000946 loss_xy: 2.824296 loss_wh: 4.031945 loss_iou: 11.092172 loss_iou_aware: 1.
[07/13 17:51:36] ppdet.engine INFO: Epoch: [44] [20/86] learning_rate: 0.000951 loss_xy: 2.509413 loss_wh: 3.862812 loss_iou: 9.780399 loss_iou_aware: 1.7
[07/13 17:51:54] ppdet.engine INFO: Epoch: [44] [40/86] learning_rate: 0.000956 loss_xy: 2.416259 loss_wh: 4.100423 loss_iou: 10.012162 loss_iou_aware: 1.
[07/13 17:52:12] ppdet.engine INFO: Epoch: [44] [60/86] learning_rate: 0.000961 loss_xy: 2.503644 loss_wh: 3.911488 loss_iou: 9.533498 loss_iou_aware: 1.5
[07/13 17:52:30] ppdet.engine INFO: Epoch: [44] [80/86] learning_rate: 0.000966 loss_xy: 2.331715 loss_wh: 4.021556 loss_iou: 9.426245 loss_iou_aware: 1.7
[07/13 17:52:36] ppdet.engine INFO: Epoch: [45] [ 0/86] learning_rate: 0.000968 loss_xy: 2.554710 loss_wh: 4.104341 loss_iou: 10.134155 loss_iou_aware: 1.
[07/13 17:52:53] ppdet.engine INFO: Epoch: [45] [20/86] learning_rate: 0.000973 loss_xy: 2.474773 loss_wh: 3.822208 loss_iou: 9.824831 loss_iou_aware: 1.7
[07/13 17:53:11] ppdet.engine INFO: Epoch: [45] [40/86] learning_rate: 0.000978 loss_xy: 2.683512 loss_wh: 4.465136 loss_iou: 11.078114 loss_iou_aware: 2.
[07/13 17:53:27] ppdet.engine INFO: Epoch: [45] [60/86] learning_rate: 0.000983 loss_xy: 2.118340 loss_wh: 3.265627 loss_iou: 8.213276 loss_iou_aware: 1.5
[07/13 17:53:44] ppdet.engine INFO: Epoch: [45] [80/86] learning_rate: 0.000988 loss_xy: 2.261161 loss_wh: 3.583999 loss_iou: 9.242554 loss_iou_aware: 1.6
[07/13 17:53:51] ppdet.engine INFO: Epoch: [46] [ 0/86] learning_rate: 0.000989 loss_xy: 2.209509 loss_wh: 3.579344 loss_iou: 9.124231 loss_iou_aware: 1.5
[07/13 17:54:10] ppdet.engine INFO: Epoch: [46] [20/86] learning_rate: 0.000994 loss_xy: 2.835060 loss_wh: 4.304205 loss_iou: 10.793747 loss_iou_aware: 2.
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 9.962738 loss_iou_aware: 1.768201 loss_obj: 20.168056 loss_cls: 6.810465 loss: 46.497871 eta: 1 day, 5:27:14 batch_cost: 0.8266 data_cost: 0.0032 ips: 9.6
 9.377643 loss_iou_aware: 1.744032 loss_obj: 19.327749 loss_cls: 6.135149 loss: 41.238754 eta: 1 day, 5:26:35 batch_cost: 0.8139 data_cost: 0.0042 ips: 9.8
 11.092172 loss_iou_aware: 1.932535 loss_obj: 22.054649 loss_cls: 6.757207 loss: 50.446114 eta: 1 day, 5:26:59 batch_cost: 0.8843 data_cost: 0.0527 ips: 9.
 9.780399 loss_iou_aware: 1.730130 loss_obj: 19.069664 loss_cls: 6.121332 loss: 42.871811 eta: 1 day, 5:26:03 batch_cost: 0.7871 data_cost: 0.0027 ips: 10.
 10.012162 loss_iou_aware: 1.660694 loss_obj: 18.052210 loss_cls: 5.509138 loss: 43.207638 eta: 1 day, 5:25:26 batch_cost: 0.8171 data_cost: 0.0029 ips: 9.
 9.533498 loss_iou_aware: 1.576650 loss_obj: 17.593262 loss_cls: 5.809209 loss: 42.229317 eta: 1 day, 5:25:07 batch_cost: 0.8418 data_cost: 0.0022 ips: 9.5
 9.426245 loss_iou_aware: 1.726004 loss_obj: 19.962379 loss_cls: 6.182456 loss: 43.406319 eta: 1 day, 5:24:37 batch_cost: 0.8260 data_cost: 0.0015 ips: 9.6
 10.134155 loss_iou_aware: 1.794923 loss_obj: 20.192951 loss_cls: 6.384377 loss: 44.180595 eta: 1 day, 5:24:08 batch_cost: 0.8024 data_cost: 0.0252 ips: 9.
 9.824831 loss_iou_aware: 1.749388 loss_obj: 18.615208 loss_cls: 6.384559 loss: 42.259956 eta: 1 day, 5:23:25 batch_cost: 0.8057 data_cost: 0.0030 ips: 9.9
 11.078114 loss_iou_aware: 2.067681 loss_obj: 22.239189 loss_cls: 7.288873 loss: 49.591854 eta: 1 day, 5:22:52 batch_cost: 0.8206 data_cost: 0.0026 ips: 9.
 8.213276 loss_iou_aware: 1.533947 loss_obj: 17.071484 loss_cls: 5.448301 loss: 37.971153 eta: 1 day, 5:20:59 batch_cost: 0.6945 data_cost: 0.0042 ips: 11.
 9.242554 loss_iou_aware: 1.688800 loss_obj: 18.111506 loss_cls: 6.095065 loss: 41.483288 eta: 1 day, 5:20:27 batch_cost: 0.8203 data_cost: 0.0017 ips: 9.7
 9.124231 loss_iou_aware: 1.519816 loss_obj: 17.640406 loss_cls: 5.897124 loss: 39.952637 eta: 1 day, 5:20:14 batch_cost: 0.7932 data_cost: 0.0273 ips: 10.
 10.793747 loss_iou_aware: 2.125732 loss_obj: 22.490753 loss_cls: 7.136504 loss: 51.715603 eta: 1 day, 5:20:23 batch_cost: 0.8853 data_cost: 0.0240 ips: 9.
 9.763103 loss_iou_aware: 1.762315 loss_obj: 19.790596 loss_cls: 6.597619 loss: 43.938862 eta: 1 day, 5:20:42 batch_cost: 0.9030 data_cost: 0.0024 ips: 8.8
 10.909636 loss_iou_aware: 1.987140 loss_obj: 23.127972 loss_cls: 7.056129 loss: 50.339600 eta: 1 day, 5:20:03 batch_cost: 0.8102 data_cost: 0.0031 ips: 9.
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After 46 epoches the loss is around 50. The model is currently running that's why I did not uplodede the code on github.