Train YOLO V3 Detector:

Step 1:

Anaconda Prompt (anaconda3)

```
Successfully installed keras-2.8.0 tensorboard-2.8.0 tensorflow-2.8.2 tensorflow-estimator-2.8.0 (base) C:\Users\Acer\OneDrive\Desktop\IBM\yolo_structure-master\2_Training>python Train YOLO.py_
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Step 2(Running for 51 epochs):

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] - 3	92s 6s/step - loss: 502.6704 - val_loss: 1642.8840 - lr: 1.0000e-04		
Astronomy Astr				
		88s 6s/step - loss: 81.4716 - val_loss: 511.6072 - lr: 1.0000e-04		
3765 65/step 1055: 55.7510 val_loss: 87.1483 lr: 1.0000e-04		CC C-(+t 1 C2 20401 1 452 4052 -1 4 0000 04		
376 66/5/tep 1055: 55.7510		00\$ 05/5tep - 1055; 02.3048 - Val_1055; 103.4602 - 10; 1.000000-04		
3595 64/Step - loss: 49.7200 - val_loss: 59.5213 - lr: 1.0000e-04 37/102		76s 6s/sten - loss: 55 7510 - val loss: 87 1403 - ln: 1 0000e-04		
[=====================================		69s 6s/step - loss: 49.7200 - val_loss: 59.5213 - lr: 1.0000e-04		
		04s 6s/step - loss: 48.7392 - val_loss: 68.0268 - lr: 1.0000e-04		
		Fr. 5 / the Jone 40 3777 and June 45 3330 Ju		
		95 os/step - 10ss: 48.35// - Val_10ss: 40.3339 - 1F: 1.00000e-04		
		89s 6s/sten - loss: 47 1937 - val loss: 47 9453 - lr: 1 0000e-04		
[=====================================] - 3	80s 6s/step - loss: 46.8095 - val_loss: 58.5256 - lr: 1.0000e-04		
-3765 66/step - loss: 46.9570 - val_loss: 54.7530 - lr: 1.0000e-04		88s 6s/step - loss: 44.5544 - val_loss: 38.7141 - lr: 1.0000e-04		
		75 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
399 66/step - loss: 45.5879 - val_loss: 52.2293 - lr: 1.0000e-04 46/102		765 65/STEP - 1055: 46.9520 - Val_1055: 54.7530 - 1r: 1.0000e-04		
		59s 6s/sten - loss: 45 5879 - val loss: 52 2293 - ln: 1 0000e-04		
43. ReduceRnOPlateau reducing [arming rate to 9.999997477378752-06.				
35% 6s/step - loss: 43.278 - val_loss: 60.6969 - lr: 1.0000e-04		ΓA: θs - loss: 45.2178		
		57s 6s/step - loss: 45.2178 - val_loss: 60.6560 - lr: 1.0000e-04		
		70. 5./star last 43.0300 will last 60.0000 last 4.0000 05		
[===========] - 364s 6s/step - loss: 44.8994 - val_loss: 51.7647 - lr: 1.0000e-05 67/102 [====================================		885 OS/Step - 1085: 43.9298 - Val_1085: 00.9990 - 1F: 1.00000-00		
6/7/102 [===================================		54s 6s/sten - loss: 44 8994 - val loss: 51.7647 - lr: 1.0000e-05		
07. BeduceLROP-Dateau reducing learning rate to 9.9999997477378752-07. [
=		66s 6s/step - loss: 43.2036 - val_loss: 47.1118 - lr: 1.0000e-05		
69/102		56. 6./str. Jan. 42 63.7] Jan. 64 9235 Jan. 4 9999-96		
		00 05/5tep - 1055. 42.013/ - Val_1055. 01.0321 - 1/. 1.0000e-00		
		55s 6s/step - loss: 43.3550 - val loss: 50.3803 - lr: 1.0000e-06		
70: ReduceLROnPlateau reducing learning rate to 9.9999997475428e-08. [===================================				
[===========] - 358 66/step - loss: 43.3931 - val_loss: 92.1047 - lr. 1.0000e-06 71/102 [============= - 367 66/step - loss: 43.5895 - val_loss: 50.4242 - lr.: 1.0000e-07 71: early stopping 1-12 23:59:35.206230: W tensorflow/core/kernels/data/generator_dataset_op.cc:107] Error occurred when finalizing GeneratorOataset iterator: FAILED_PRECONDITION: Python interpreter state is not initrocess may be terminated.				
in/192 [
[88 6s/step - loss: 43.3931 - val_loss: 52.1047 - lr: 1.0000e-06		
71: carly stopping 1-12 23:59:35.296320: W tensorflow/core/kernels/data/generator_dataset_op.cc:107] Error occurred when finalizing GeneratorDataset iterator: FAILED_PRECONDITION: Python interpreter state is not init rocess may be terminated.		57s 6s/stan - loss: 42 5995 - val loss: 50 4242 - lo: 1 8080a-87		
1-12 23:59:35.396330: M tensonFlow/core/Kernels/data/generator_dataset_op.cc:107] Error occurred when finalizing GeneratorDataset iterator: FAILED_PRECONDITION: Python interpreter state is not init rocess may be terminated.		N'S OS/SLEP - 1055. 45.3657 - VAI_1055. 30.4242 - 1F. 1.00000-0/		
rocess may be terminated.		ore/kernels/data/generator dataset op.cc:1071 Error occurred when finalizing GeneratorDataset iterator: FAILED PRECONDITION: Python interpreter state is	not ini	tia
[[((node PyFunc))]]				
	[[{{node PyFunc}}]]			
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