

Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
1/100	2.67G Class	1.124 Images	2.073 Instances	1,496 Box(P	14 R	640: mAP50	100% 35/35 [00:08<00:00, 4.20it/s] mAPS0-95): 100% 35/35 [00:08<00:00, 4.20it/s]
	a11	52	52	0.833	9.898	0.851	0.552
Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
2/100	2.67G Class		1.394 Instances	1.442 Box(P		mAP50	100% 35/35 [00:06<00:00, 5.33it/s] mAP50-95): 100% 35/35 [00:06<00:00, 5.33it/s] 4.40it/s]
	all	52	52	0.742	0.731	0.825	0.493
Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
3/100	2.66G Class	1.143 Images	1.334 Instances	1.466 Box(P	9 R	640: mAP50	100% 35/35 [00:06<00:00, 5.49it/s] mAP5e-95): 100% 35/35 [00:06<00:00, 5.49it/s]
	ə11	52	52	0.728	0.519	0.702	0.427
Epoch	GPU mem	box loss	cls loss	dfl loss	Instances	Size	
4/100	2.67G Class	1.145	1.188 Instances	1.445	10 R		100% 35/35 [00:06<00:00, 5.57it/s] mAPS0-95): 100% 100% 100% 100% 100% 100% 100% 100
	all	52			0.212	0.123	0.0225
Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
5/100	2.67G Class	1.123 Images	1.118 Instances	1.429 Box(P	11 R	640: mAP50	100% 35/35 [00:06<00:00, 5.48it/s] mAP5e-95): 100% 35/35 [00:06<00:00, 5.48it/s]
	a11	52	52	0.598	0.714	9.746	0.332
Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
6/100	2,67G Class	1.138 Images	1.03 Instances	1.434 Box(P	14 R		100% 35/35 [00:06<00:00, 5.54it/s] mAP50-95): 100% 35/35 [00:06<00:00, 5.54it/s]
	all	52		0.519		0.599	8.352
Epoch	GPU_mem	box_loss	cls_loss	dfl_loss	Instances	Size	
7/100	2.67G Class	1.095 Images	0.9768 Instances	1.425 Box(P		mAP50	100% 35/35 [00:06<00:00, 5.71it/s] mAP50-95): 100% 35/35 [00:06<00:00, 5.71it/s]
	all	52	52	0.788	0.942	0.923	0.598

from ultralytics import YOLO # Define the training arguments model = "yolov81.pt" data = "/kaggle/input/own-dataset/data.yaml" epochs = 100 imgsz = 640# Create the YOLO object yolo = YOLO() # Train the model with desired arguments (excluding wandb) yolo.train(task="detect", mode="train", model=model, data=data, epochs=epochs, imgsz=imgsz,

Hitralutics VOLOVR 1 37 @ Puthon-3 10 13 torch-2 1 2 CHD4-0 (Tesla T4 15102MiR)

[1]:

pip install ultralytics

Collecting ultralytics

Downloading ultralytics-8.1.37-py3-none-any.whl.metadata (40 kB)

40.3/40.3 kB 690.2 kB/s eta 0:00:00a 0:00:01

Requirement already satisfied: matplotlib>=3.3.0 in /opt/conda/lib/python3.10/site-package s (from ultralytics) (3.7.5)

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Requirement already satisfied: pillow>=7.1.2 in /opt/conda/lib/python3.10/site-packages (from ultralytics) (9.5.0)

Requirement already satisfied: pyyaml>=5.3.1 in /opt/conda/lib/python3.10/site-packages (f rom ultralytics) (6.0.1)

Requirement already satisfied: requests>=2.23.0 in /opt/conda/lib/python3.10/site-packages (from ultralytics) (2.31.0)

(from ultralytics) (2.31.0)
Requirement already satisfied: scipy>=1.4.1 in /opt/conda/lib/python3.10/site-packages (from ultralytics) (1.11.4)

Requirement already satisfied: torch>=1.8.0 in /opt/conda/lib/python3.10/site-packages (from ultralytics) (2.1.2)

Requirement already satisfied: torchvision>=0.9.0 in /opt/conda/lib/python3.10/site-packag

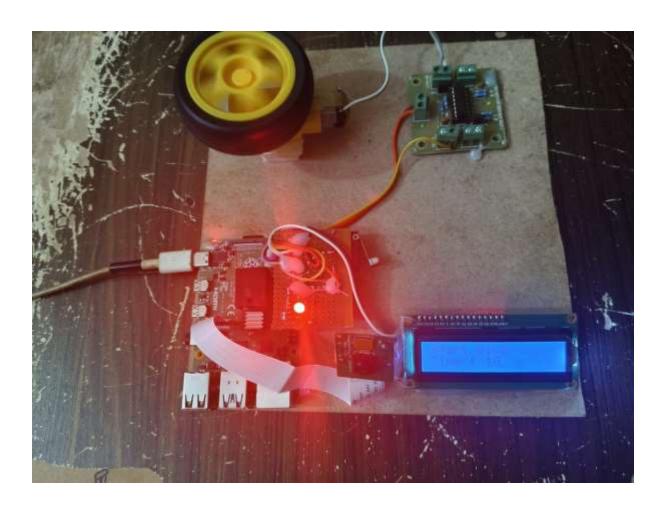
es (from ultralytics) (0.16.2)
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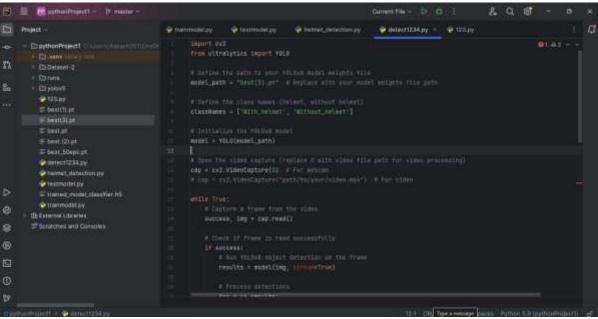
Requirement already satisfied: py-cpuinfo in /opt/conda/lib/python3.10/site-packages (from ultralytics) (9.0.0)

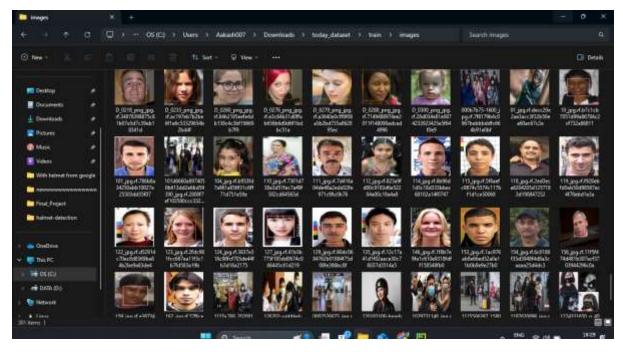
Collecting thop>=0.1.1 (from ultralytics)

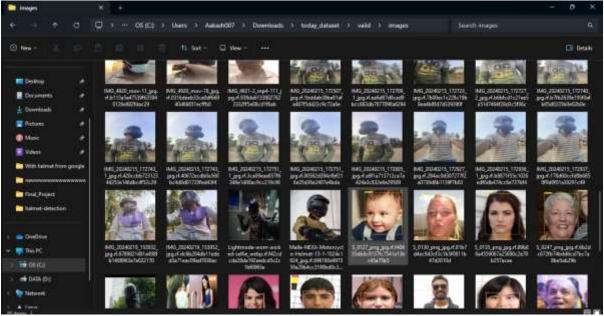
Downloading thop-0.1.1.post2209072238-pv3-none-anv.whl.metadata (2.7 kB)











Smart Heimet Detection

