

Project Development Phase Model Performance Test

Date	13 May 2023
Team ID	NM2023TMID11913
Project Name	AI Enabled Car Parking Using Open CV

Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary		
2.	Accuracy	Training Accuracy - Validation Accuracy -	
3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	

Model Summary:

IDLE Shell 3.9.13		
File Edit Shell Debug Options Window Help		
===== RESTART: D:\python\maan mudhalvan\ASSIGNMENT\as-3\Assignment -3.py =====		
model: "sequential"		
Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 254, 254, 32)	896
max_pooling2d (MaxPooling2D)	(None, 127, 127, 32)	0
conv2d_1 (Conv2D)	(None, 125, 125, 64)	18496
max_pooling2d_1 (MaxPooling2D)	(None, 62, 62, 64)	0
conv2d_2 (Conv2D)	(None, 60, 60, 128)	73856
max_pooling2d_2 (MaxPooling2D)	(None, 30, 30, 128)	0
flatten (Flatten)	(None, 115200)	0
dense (Dense)	(None, 512)	58982912
dropout (Dropout)	(None, 512)	0
dense_1 (Dense)	(None, 512)	262656
dropout_1 (Dropout)	(None, 512)	0
dense_2 (Dense)	(None, 2)	1026
=====		
Total params: 59,339,842		
Trainable params: 59,339,842		
Non-trainable params: 0		
None		

Accuracy:

"IDLE Shell 3.10.6"

File Edit Shell Debug Options Window Help

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/260 [=====] - ETA: 1:27 - loss: -5199676416.0000 - accuracy: 0.0095
[=====]186/260 [=====] - ETA: 1:28 - loss: -5213598208.0000 - accuracy: 0.0094
[=====]187/260 [=====] - ETA: 1:29 - loss: -522169280.0000 - accuracy: 0.0094
[=====]188/260 [=====] - ETA: 1:30 - loss: -5244454400.0000 - accuracy: 0.0093
0 - accuracy: 0.0093 [=====]189/260 [=====] - ETA
: 1:31 - loss: -5257311232.0000 - accuracy: 0.0093 [=====]190/260 [=====]
[=====] - ETA: 1:32 - loss: -5273883648.0000 - accuracy: 0.0094 [=====]
[=====]191/260 [=====] - ETA: 1:34 - loss: -5290092544.0000 - accuracy: 0.0093 [=====]
[=====]192/260 [=====] - ETA: 1:35 - loss: -5309592064.0000 - accuracy: 0.0093 [=====]
[=====]193/260 [=====] - ETA: 1:36 - loss: -5328310784.0000 - accuracy:
0.0093 [=====]194/260 [=====] - ETA: 1:37 - loss:
-5343011840.0000 - accuracy: 0.0093 [=====]195/260 [=====]
[=====] - ETA: 1:38 - loss: -5361013760.0000 - accuracy: 0.0092 [=====]
96/260 [=====] - ETA: 1:39 - loss: -5376625152.0000 - accuracy: 0.0092 [=====]
[=====]197/260 [=====] - ETA: 1:40 - loss: -5389048320.0000 - accuracy: 0.0092 [=====]
[=====]198/260 [=====] - ETA: 1:41 - loss: -5403972608.0000 - accuracy: 0.0092 [=====]
[=====]199/260 [=====] - ETA: 1:41 - loss: -5418953216.0
000 - accuracy: 0.0093 [=====]200/260 [=====] - E
TA: 1:42 - loss: -5430343680.0000 - accuracy: 0.0092 [=====]201/260 [=====]
[=====] - ETA: 1:43 - loss: -5448287232.0000 - accuracy: 0.0092 [=====]
[=====]202/260 [=====] - ETA: 1:44 - loss: -5464246272.0000 - accuracy: 0.0092 [=====]
[=====]203/260 [=====] - ETA: 1:45 - loss: -5477827072.0000 - accuracy: 0.0092 [=====]
[=====]204/260 [=====] - ETA: 1:46 - loss: -5498759168.0000 - accuracy:
0.0093 [=====]205/260 [=====] - ETA: 1:46 - lo
ss: -5513645568.0000 - accuracy: 0.0092 [=====]206/260 [=====]
[=====] - ETA: 1:47 - loss: -5531020288.0000 - accuracy: 0.0092 [=====]
[=====]207/260 [=====] - ETA: 1:47 - loss: -5544393216.0000 - accuracy: 0.0092 [=====]
[=====]208/260 [=====] - ETA: 1:47 - loss: -5559045632.0000 - accuracy: 0.0094 [=====]
[=====]209/260 [=====] - ETA: 1:48 - loss: -5577807360.0000 - accuracy: 0.0094 [=====]
[=====]210/260 [=====] - ETA: 1:48 - loss: -55962055
68.0000 - accuracy: 0.0093 [=====]211/260 [=====]
- ETA: 1:48 - loss: -5615862784.0000 - accuracy: 0.0093 [=====]212/260 [=====]
[=====] - ETA: 1:48 - loss: -5631104000.0000 - accuracy: 0.0093 [=====]
[=====]213/260 [=====] - ETA: 1:49 - loss: -5650053120.0000 - accuracy: 0.0094 [=====]
[=====]214/260 [=====] - ETA: 1:49 - loss: -5668641280.0000 - accuracy: 0.0093 [=====]
[=====]215/260 [=====] - ETA: 1:49 - loss: -5687683072.0000 - accu
racy: 0.0093 [=====]216/260 [=====] - ETA: 1:48 -
loss: -5705149440.0000 - accuracy: 0.0093 [=====]217/260 [=====]
[=====] - ETA: 1:48 - loss: -5723076096.0000 - accuracy: 0.0093 [=====]
[=====]218/260 [=====] - ETA: 1:48 - loss: -5743084544.0000 - accuracy: 0.0093 [=====]
[=====]219/260 [=====] - ETA: 1:48 - loss: -5759890432.0000 - accuracy: 0.0092
```