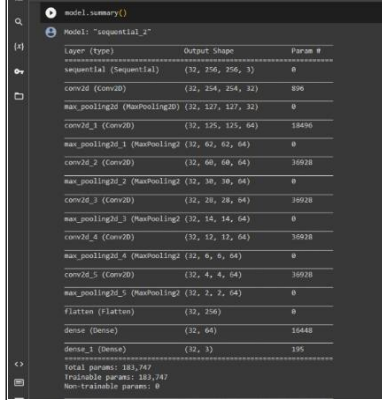
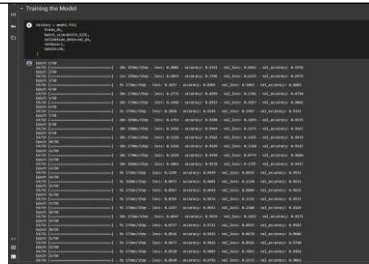


Project Development Phase Model Performance Test

Date	10 November 2023
Team ID	593135
Project Name	Ship Classification
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Cargo: 1 Military : 2 Carrier: 3 Cruise: 4 Tankers: 5	 <pre> Model: "sequential_2" Layer (type) Output Shape Param # ----- sequential_2 (Sequential) (12, 256, 256, 3) 0 conv2d (Conv2D) (12, 256, 256, 32) 896 max_pooling2d (MaxPooling2D) (12, 127, 127, 32) 0 conv2d_1 (Conv2D) (12, 125, 125, 64) 18496 max_pooling2d_1 (MaxPooling2D) (12, 62, 62, 64) 0 conv2d_2 (Conv2D) (12, 60, 60, 64) 36928 max_pooling2d_2 (MaxPooling2D) (12, 30, 30, 64) 0 conv2d_3 (Conv2D) (12, 28, 28, 64) 36928 max_pooling2d_3 (MaxPooling2D) (12, 14, 14, 64) 0 conv2d_4 (Conv2D) (12, 12, 12, 64) 36928 max_pooling2d_4 (MaxPooling2D) (12, 6, 6, 64) 0 conv2d_5 (Conv2D) (12, 4, 4, 64) 36928 max_pooling2d_5 (MaxPooling2D) (12, 2, 2, 64) 0 flatten (Flatten) (12, 256) 0 dense (Dense) (12, 64) 16448 dense_1 (Dense) (12, 1) 195 Total params: 183,747 Trainable params: 183,747 Non-trainable param: 0 </pre>
2.	Accuracy	Training Accuracy - 99.65 Validation Accuracy – 98.44	 <pre> Training the Model Epoch 1/10: 100% Epoch 2/10: 100% Epoch 3/10: 100% Epoch 4/10: 100% Epoch 5/10: 100% Epoch 6/10: 100% Epoch 7/10: 100% Epoch 8/10: 100% Epoch 9/10: 100% Epoch 10/10: 100% </pre>
3.	Confidence Score (Only Yolo Projects)	Class Detected - NA Confidence Score - NA	

Screenshots

Model Summary

	image	category	path	classes	width	height	dimension
0	2823080.jpg	1	../input/game-of-deep-learning-ship-datasets/t...	Cargo	210	140	29400
4268	2566396.jpg	4	../input/game-of-deep-learning-ship-datasets/t...	Cruise	210	140	29400
4142	2849919.jpg	1	../input/game-of-deep-learning-ship-datasets/t...	Cargo	210	126	26460
4141	2868004.jpg	5	../input/game-of-deep-learning-ship-datasets/t...	Tankers	210	140	29400
4140	2783824.jpg	2	../input/game-of-deep-learning-ship-datasets/t...	Military	210	152	31920
...
4111	2856008.jpg	1	../input/game-of-deep-learning-ship-datasets/t...	Cargo	210	157	32970
4110	2438564.jpg	2	../input/game-of-deep-learning-ship-datasets/t...	Military	210	140	29400
4109	2713013.jpg	2	../input/game-of-deep-learning-ship-datasets/t...	Military	210	140	29400
4108	2888369.jpg	1	../input/game-of-deep-learning-ship-datasets/t...	Cargo	210	140	29400
4107	2860032.jpg	1	../input/game-of-deep-learning-ship-datasets/t...	Cargo	210	139	29190

84 rows × 7 columns

Accuracy score

