

Model	Best Validation Accuracy	Recall		Precision		F1 Score		Accuracy of the model	Best Optimizer	Best Learning Rate	Training loss	Test loss
		Malaria	Not Malaria	Malaria	Not Malaria	Malaria	Not Malaria					
Mobile vit	0.9825	0.97	0.96	0.97	0.97	0.97	0.97	0.97	NAdam	0.0001	0.0931	0.0576
Xception	0.9432	0.92	0.97	0.97	0.92	0.94	0.94	0.94	NAdam	0.001	0.1347	0.1756
InceptionV3	0.9329	0.90	0.96	0.96	0.91	0.93	0.93	0.93	NAdam	0.001	0.1319	0.1614
EfficientNetB0	0.93498	0.92	0.95	0.95	0.92	0.93	0.93	0.93	NAdam	0.001	0.1202	0.1568
DenseNet121	0.93189	0.90	0.96	0.95	0.91	0.93	0.93	0.93	NAdam	0.001	0.1319	0.1630
NASNetMobile	0.9370	0.90	0.96	0.96	0.91	0.93	0.93	0.93	NAdam	0.001	0.1645	0.1820
MobileNet V2	0.90093	0.86	0.92	0.92	0.87	0.89	0.89	0.90	NAdam	0.001	0.2557	0.2920
VGG16	0.8689	0.74	0.92	0.98	0.78	0.82	0.85	0.83	NAdam	0.001	0.2944	0.3110
ResNet50	0.7905	0.61	0.95	0.92	0.71	0.73	0.81	0.78	NAdam	0.001	0.6182	0.6145
ViT	0.95046	0.95	0.95	0.95	0.95	0.95	0.95	0.95	NAdam	0.0001	0.1444	0.1272

**Note: -**

Learning rate = [1e-4, 1e-3]

Optimizer = ['NAdam', 'SGD']

Input Size = (96, 96, 3)

X\_train = (3875, 96, 96, 3)

Y\_train = (3875, 2)

X\_test = (969, 96, 96, 3)

Y\_test = (969, 2)