

# Performance Testing

Date	18-11-2022
Team ID	PNT2022TMID24073
Project Name	A Gesture – Based Tool for Sterile Browsing of Radiology Images
Maximum Marks	10 Marks

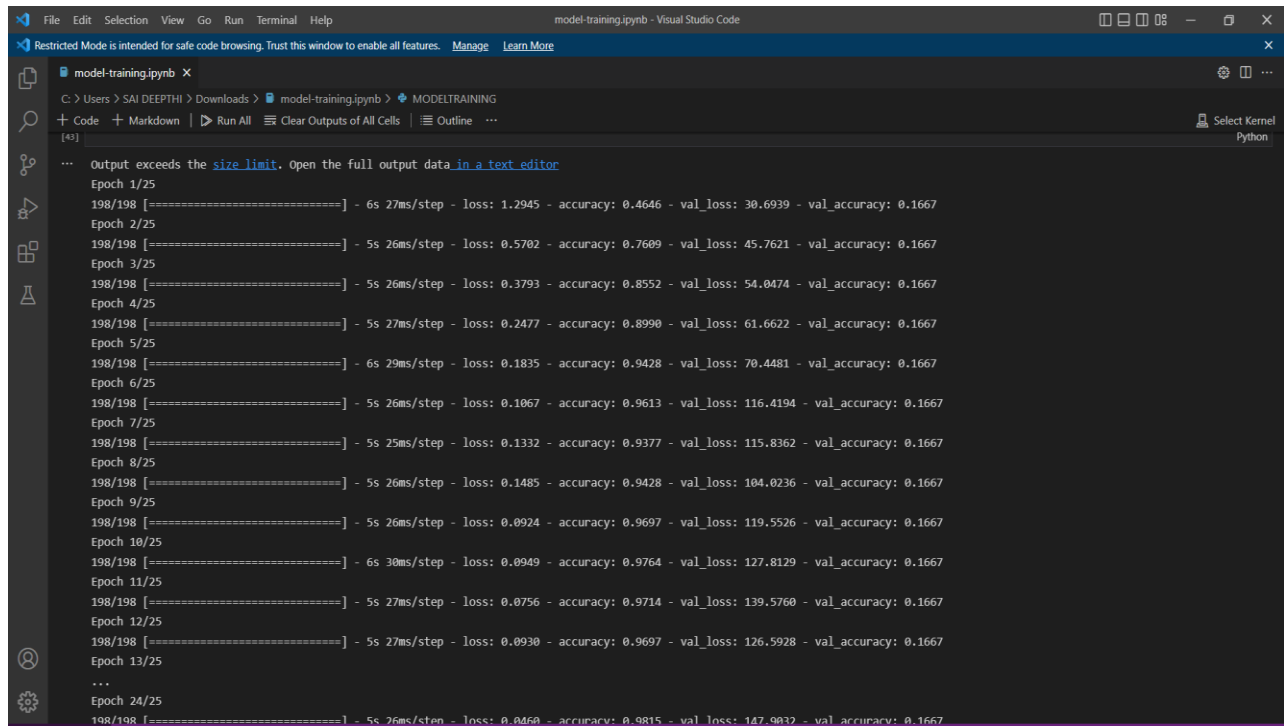
## MODEL SUMMARY:

Model: "sequential"

Layer (type)	Output Shape	Param #
=====		
conv2d (Conv2D)	(None, 62, 62, 32)	320
max_pooling2d (MaxPooling2D)	(None, 31, 31, 32)	0
conv2d_1 (Conv2D)	(None, 29, 29, 32)	9248
max_pooling2d_1 (MaxPooling2D)	(None, 14, 14, 32)	0
flatten (Flatten)	(None, 6272)	0
dense (Dense)	(None, 512)	3211776
dense_1 (Dense)	(None, 6)	3078
=====		
Total params: 3,224,422		
Trainable params: 3,224,422		
Non-trainable params: 0		

## ACCURACY:

CONTENT	VALUE
Training Accuracy	99.16%
Validation Accuracy	96.67%



```
model-training.ipynb - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

model-training.ipynb X
C:\Users> SAI DEEPTHI > Downloads > model-training.ipynb > MODELTRAINING
+ Code + Markdown | Run All | Clear Outputs of All Cells | Outline ...
Select Kernel Python

... Output exceeds the size limit, open the full output data in a text editor
Epoch 1/25
198/198 [=====] - 6s 27ms/step - loss: 1.2945 - accuracy: 0.4646 - val_loss: 30.6939 - val_accuracy: 0.1667
Epoch 2/25
198/198 [=====] - 5s 26ms/step - loss: 0.5702 - accuracy: 0.7609 - val_loss: 45.7621 - val_accuracy: 0.1667
Epoch 3/25
198/198 [=====] - 5s 26ms/step - loss: 0.3793 - accuracy: 0.8552 - val_loss: 54.0474 - val_accuracy: 0.1667
Epoch 4/25
198/198 [=====] - 5s 27ms/step - loss: 0.2477 - accuracy: 0.8990 - val_loss: 61.6622 - val_accuracy: 0.1667
Epoch 5/25
198/198 [=====] - 6s 29ms/step - loss: 0.1835 - accuracy: 0.9428 - val_loss: 70.4481 - val_accuracy: 0.1667
Epoch 6/25
198/198 [=====] - 5s 26ms/step - loss: 0.1067 - accuracy: 0.9613 - val_loss: 116.4194 - val_accuracy: 0.1667
Epoch 7/25
198/198 [=====] - 5s 25ms/step - loss: 0.1332 - accuracy: 0.9377 - val_loss: 115.8362 - val_accuracy: 0.1667
Epoch 8/25
198/198 [=====] - 5s 26ms/step - loss: 0.1485 - accuracy: 0.9428 - val_loss: 104.0236 - val_accuracy: 0.1667
Epoch 9/25
198/198 [=====] - 5s 26ms/step - loss: 0.0924 - accuracy: 0.9697 - val_loss: 119.5526 - val_accuracy: 0.1667
Epoch 10/25
198/198 [=====] - 6s 30ms/step - loss: 0.0949 - accuracy: 0.9764 - val_loss: 127.8129 - val_accuracy: 0.1667
Epoch 11/25
198/198 [=====] - 5s 27ms/step - loss: 0.0756 - accuracy: 0.9714 - val_loss: 139.5760 - val_accuracy: 0.1667
Epoch 12/25
198/198 [=====] - 5s 27ms/step - loss: 0.0930 - accuracy: 0.9697 - val_loss: 126.5928 - val_accuracy: 0.1667
Epoch 13/25
...
Epoch 24/25
198/198 [=====] - 5s 26ms/step - loss: 0.0460 - accuracy: 0.9815 - val_loss: 147.9832 - val_accuracy: 0.1667
```