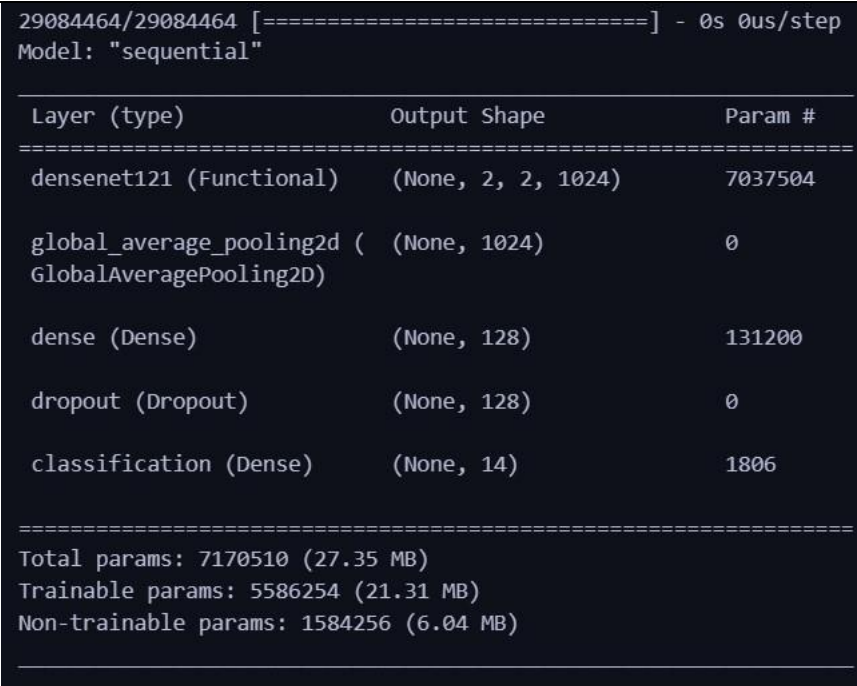


### Project Development Phase Model Performance Test

Date	20 Nov 2023
Team ID	591694
Project Name	CrimeVision: Advanced Crime Classification with Deep Learning

#### Model Performance Testing:

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

Parameter	Values	Screenshot
Model Summary	<p>Total params: 7,170,510</p> <p>Trainable params: 5,586,254</p> <p>Non-trainable params: 1,584,256</p>	 <pre>29084464/29084464 [=====] - 0s 0us/step Model: "sequential"  Layer (type)                Output Shape              Param # ===== densenet121 (Functional)    (None, 2, 2, 1024)       7037504 global_average_pooling2d ( GlobalAveragePooling2D) (None, 1024)              0 dense (Dense)               (None, 128)              131200 dropout (Dropout)           (None, 128)              0 classification (Dense)      (None, 14)               1806 ===== Total params: 7170510 (27.35 MB) Trainable params: 5586254 (21.31 MB) Non-trainable params: 1584256 (6.04 MB)</pre>

Accuracy	<p>Epoch 1:</p> <p>Training accuracy: 0.9991 Validation accuracy: 0.9998 Epoch 2:</p> <p>Training accuracy: 0.9997 Validation accuracy: 0.9998 Epoch 3:</p> <p>Training accuracy: 0.9998 Validation accuracy: 0.9999 Epoch 4:</p> <p>Training accuracy: 0.9999 Validation accuracy: 0.9999 Epoch 5:</p> <p>Training accuracy: 0.9999 Validation accuracy: 0.9999</p>	<pre>Epoch 1/5 7915/7915 [=====] - 1698s 205ms/step - loss: 0.0610 - auc: 0.9991 - val_loss: 0.0180 - val_auc: 0.9998 Epoch 2/5 7915/7915 [=====] - 1535s 194ms/step - loss: 0.0179 - auc: 0.9997 - val_loss: 0.0114 - val_auc: 0.9998 Epoch 3/5 7915/7915 [=====] - 1547s 195ms/step - loss: 0.0121 - auc: 0.9998 - val_loss: 0.0079 - val_auc: 0.9999 Epoch 4/5 7915/7915 [=====] - 1497s 189ms/step - loss: 0.0097 - auc: 0.9999 - val_loss: 0.0071 - val_auc: 0.9999 Epoch 5/5 7915/7915 [=====] - 1457s 184ms/step - loss: 0.0084 - auc: 0.9999 - val_loss: 0.0077 - val_auc: 0.9999</pre>
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