

```
Epoch 1/40
35/35 [=====] - 23s 416ms/step - loss: 0.7451 - acc: 0.5790 - val_
loss: 0.5380 - val_acc: 0.8218
Epoch 2/40
35/35 [=====] - 8s 226ms/step - loss: 0.5723 - acc: 0.6776 - val_l
oss: 0.3638 - val_acc: 0.8364
Epoch 3/40
35/35 [=====] - 8s 225ms/step - loss: 0.5323 - acc: 0.6866 - val_l
oss: 0.5316 - val_acc: 0.7691
Epoch 4/40
35/35 [=====] - 9s 254ms/step - loss: 0.4796 - acc: 0.7139 - val_l
oss: 0.3172 - val_acc: 0.8418
Epoch 5/40
35/35 [=====] - 8s 239ms/step - loss: 0.4788 - acc: 0.7284 - val_l
oss: 0.3602 - val_acc: 0.7982
Epoch 6/40
35/35 [=====] - 8s 232ms/step - loss: 0.4637 - acc: 0.7507 - val_l
oss: 0.4392 - val_acc: 0.7800
Epoch 7/40
35/35 [=====] - 8s 231ms/step - loss: 0.4403 - acc: 0.7480 - val_l
oss: 0.3658 - val_acc: 0.8255
Epoch 8/40
35/35 [=====] - 8s 227ms/step - loss: 0.4197 - acc: 0.7816 - val_l
oss: 0.3233 - val_acc: 0.8345
Epoch 9/40
35/35 [=====] - 8s 232ms/step - loss: 0.4165 - acc: 0.7797 - val_l
oss: 0.3337 - val_acc: 0.8418
Epoch 10/40
35/35 [=====] - 8s 232ms/step - loss: 0.3593 - acc: 0.8165 - val_l
oss: 0.3044 - val_acc: 0.8600
Epoch 11/40
35/35 [=====] - 8s 234ms/step - loss: 0.3440 - acc: 0.8152 - val_l
oss: 0.3018 - val_acc: 0.8527
Epoch 12/40
35/35 [=====] - 8s 231ms/step - loss: 0.3297 - acc: 0.8193 - val_l
oss: 0.3067 - val_acc: 0.8600
Epoch 13/40
35/35 [=====] - 8s 225ms/step - loss: 0.3333 - acc: 0.8202 - val_l
oss: 0.3053 - val_acc: 0.8582
Epoch 14/40
35/35 [=====] - 8s 224ms/step - loss: 0.3341 - acc: 0.8211 - val_l
oss: 0.3056 - val_acc: 0.8545
Epoch 15/40
35/35 [=====] - 8s 225ms/step - loss: 0.3268 - acc: 0.8288 - val_l
oss: 0.3085 - val_acc: 0.8582
Epoch 16/40
35/35 [=====] - 8s 228ms/step - loss: 0.3292 - acc: 0.8252 - val_l
oss: 0.3222 - val_acc: 0.8509
Epoch 17/40
35/35 [=====] - 8s 233ms/step - loss: 0.3075 - acc: 0.8361 - val_l
oss: 0.3175 - val_acc: 0.8545
Epoch 18/40
35/35 [=====] - 8s 228ms/step - loss: 0.3175 - acc: 0.8351 - val_l
oss: 0.3156 - val_acc: 0.8582
Epoch 19/40
35/35 [=====] - 8s 233ms/step - loss: 0.3156 - acc: 0.8292 - val_l
oss: 0.3156 - val_acc: 0.8582
Epoch 20/40
35/35 [=====] - 8s 233ms/step - loss: 0.3245 - acc: 0.8256 - val_l
oss: 0.3142 - val_acc: 0.8527
Epoch 21/40
```

```
35/35 [=====] - 8s 225ms/step - loss: 0.3201 - acc: 0.8238 - val_loss: 0.3133 - val_acc: 0.8527
```