

```
Epoch 1/40
35/35 [=====] - 14s 276ms/step - loss: 0.6524 - acc: 0.6957 - val_
loss: 0.3322 - val_acc: 0.8764
Epoch 2/40
35/35 [=====] - 8s 223ms/step - loss: 0.4308 - acc: 0.8011 - val_l
oss: 0.2846 - val_acc: 0.8927
Epoch 3/40
35/35 [=====] - 8s 227ms/step - loss: 0.3796 - acc: 0.8292 - val_l
oss: 0.2755 - val_acc: 0.8782
Epoch 4/40
35/35 [=====] - 8s 217ms/step - loss: 0.3502 - acc: 0.8447 - val_l
oss: 0.2435 - val_acc: 0.9018
Epoch 5/40
35/35 [=====] - 8s 217ms/step - loss: 0.3179 - acc: 0.8660 - val_l
oss: 0.2381 - val_acc: 0.9073
Epoch 6/40
35/35 [=====] - 8s 216ms/step - loss: 0.3131 - acc: 0.8633 - val_l
oss: 0.2587 - val_acc: 0.8800
Epoch 7/40
35/35 [=====] - 8s 215ms/step - loss: 0.2875 - acc: 0.8715 - val_l
oss: 0.2314 - val_acc: 0.9000
Epoch 8/40
35/35 [=====] - 8s 217ms/step - loss: 0.2637 - acc: 0.8896 - val_l
oss: 0.2449 - val_acc: 0.8909
Epoch 9/40
35/35 [=====] - 8s 216ms/step - loss: 0.2477 - acc: 0.9015 - val_l
oss: 0.2343 - val_acc: 0.8927
Epoch 10/40
35/35 [=====] - 8s 216ms/step - loss: 0.2462 - acc: 0.9101 - val_l
oss: 0.2264 - val_acc: 0.8945
Epoch 11/40
35/35 [=====] - 8s 219ms/step - loss: 0.2338 - acc: 0.9092 - val_l
oss: 0.2186 - val_acc: 0.9000
Epoch 12/40
35/35 [=====] - 8s 217ms/step - loss: 0.2285 - acc: 0.9105 - val_l
oss: 0.2215 - val_acc: 0.8945
Epoch 13/40
35/35 [=====] - 8s 218ms/step - loss: 0.2087 - acc: 0.9251 - val_l
oss: 0.2093 - val_acc: 0.8982
Epoch 14/40
35/35 [=====] - 8s 227ms/step - loss: 0.2066 - acc: 0.9237 - val_l
oss: 0.2209 - val_acc: 0.8927
Epoch 15/40
35/35 [=====] - 8s 224ms/step - loss: 0.1952 - acc: 0.9210 - val_l
oss: 0.2210 - val_acc: 0.8964
Epoch 16/40
35/35 [=====] - 8s 227ms/step - loss: 0.1822 - acc: 0.9387 - val_l
oss: 0.2180 - val_acc: 0.8873
Epoch 17/40
35/35 [=====] - 8s 219ms/step - loss: 0.1638 - acc: 0.9401 - val_l
oss: 0.2372 - val_acc: 0.8891
Epoch 18/40
35/35 [=====] - 8s 218ms/step - loss: 0.1567 - acc: 0.9460 - val_l
oss: 0.2240 - val_acc: 0.8982
Epoch 19/40
35/35 [=====] - 8s 226ms/step - loss: 0.1571 - acc: 0.9414 - val_l
oss: 0.2258 - val_acc: 0.9018
Epoch 20/40
35/35 [=====] - 8s 222ms/step - loss: 0.1512 - acc: 0.9455 - val_l
oss: 0.2290 - val_acc: 0.9000
Epoch 21/40
```

```
35/35 [=====] - 8s 217ms/step - loss: 0.1439 - acc: 0.9500 - val_loss: 0.2268 - val_acc: 0.9000
Epoch 22/40
35/35 [=====] - 8s 221ms/step - loss: 0.1390 - acc: 0.9537 - val_loss: 0.2221 - val_acc: 0.9000
Epoch 23/40
35/35 [=====] - 8s 221ms/step - loss: 0.1425 - acc: 0.9482 - val_loss: 0.2243 - val_acc: 0.8982
```