```
Epoch 1/50
35/35 [==============================] - 15s 308ms/step - loss: 0.6629 - acc: 0.6149 - val_
loss: 0.6080 - val_acc: 0.6655
Epoch 2/50
35/35 [==============================] - 8s 231ms/step - loss: 0.5840 - acc: 0.7180 - val_l
oss: 0.5144 - val_acc: 0.7964
Epoch 3/50
35/35 [==============================] - 8s 232ms/step - loss: 0.5284 - acc: 0.7539 - val_l
oss: 0.4700 - val_acc: 0.7945
Epoch 4/50
35/35 [==============================] - 8s 225ms/step - loss: 0.4988 - acc: 0.7757 - val_l
oss: 0.4450 - val_acc: 0.8073
Epoch 5/50
35/35 [==============================] - 9s 253ms/step - loss: 0.4782 - acc: 0.7884 - val_l
oss: 0.4165 - val_acc: 0.8218
Epoch 6/50
35/35 [==============================] - 8s 231ms/step - loss: 0.4657 - acc: 0.7938 - val_l
oss: 0.4094 - val_acc: 0.8236
Epoch 7/50
35/35 [==============================] - 8s 236ms/step - loss: 0.4552 - acc: 0.7965 - val_l
oss: 0.4234 - val_acc: 0.8145
Epoch 8/50
35/35 [==============================] - 8s 239ms/step - loss: 0.4394 - acc: 0.8084 - val_l
oss: 0.3826 - val_acc: 0.8291
Epoch 9/50
35/35 [==============================] - 8s 231ms/step - loss: 0.4181 - acc: 0.8193 - val_l
oss: 0.3772 - val_acc: 0.8491
Epoch 10/50
35/35 [==============================] - 8s 231ms/step - loss: 0.4048 - acc: 0.8270 - val_l
oss: 0.3659 - val_acc: 0.8527
Epoch 11/50
35/35 [==============================] - 8s 229ms/step - loss: 0.3928 - acc: 0.8374 - val_l
oss: 0.3581 - val_acc: 0.8636
Epoch 12/50
35/35 [==============================] - 9s 246ms/step - loss: 0.3890 - acc: 0.8283 - val_l
oss: 0.3527 - val_acc: 0.8600
Epoch 13/50
35/35 [==============================] - 8s 227ms/step - loss: 0.3894 - acc: 0.8356 - val_l
oss: 0.3543 - val_acc: 0.8636
Epoch 14/50
35/35 [==============================] - 8s 232ms/step - loss: 0.3810 - acc: 0.8429 - val_l
oss: 0.3491 - val_acc: 0.8618
Epoch 15/50
35/35 [==============================] - 8s 236ms/step - loss: 0.3710 - acc: 0.8479 - val_l
oss: 0.3417 - val_acc: 0.8673
Epoch 16/50
35/35 [==============================] - 9s 245ms/step - loss: 0.3593 - acc: 0.8501 - val_l
oss: 0.3448 - val_acc: 0.8545
Epoch 17/50
35/35 [==============================] - 8s 228ms/step - loss: 0.3537 - acc: 0.8606 - val_l
oss: 0.3329 - val_acc: 0.8745
Epoch 18/50
35/35 [==============================] - 8s 229ms/step - loss: 0.3473 - acc: 0.8606 - val_l
oss: 0.3638 - val_acc: 0.8418
Epoch 19/50
35/35 [==============================] - 8s 236ms/step - loss: 0.3513 - acc: 0.8556 - val_l
oss: 0.3299 - val_acc: 0.8636
Epoch 20/50
35/35 [==============================] - 8s 226ms/step - loss: 0.3323 - acc: 0.8642 - val_l
oss: 0.3268 - val_acc: 0.8691
Epoch 21/50
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35/35 [==============================] - 8s 228ms/step - loss: 0.3338 - acc: 0.8669 - val_l
oss: 0.3557 - val_acc: 0.8509
Epoch 22/50
35/35 [==============================] - 8s 239ms/step - loss: 0.3308 - acc: 0.8665 - val_l
oss: 0.3301 - val_acc: 0.8691
Epoch 23/50
35/35 [==============================] - 8s 228ms/step - loss: 0.3263 - acc: 0.8629 - val_l
oss: 0.3243 - val_acc: 0.8745
Epoch 24/50
35/35 [==============================] - 8s 230ms/step - loss: 0.3216 - acc: 0.8710 - val_l
oss: 0.3201 - val_acc: 0.8709
Epoch 25/50
35/35 [==============================] - 8s 232ms/step - loss: 0.3169 - acc: 0.8697 - val_l
oss: 0.3804 - val_acc: 0.8327
Epoch 26/50
35/35 [==============================] - 9s 243ms/step - loss: 0.3150 - acc: 0.8697 - val_l
oss: 0.3903 - val_acc: 0.8291
Epoch 27/50
35/35 [==============================] - 8s 228ms/step - loss: 0.3290 - acc: 0.8678 - val_l
oss: 0.3294 - val_acc: 0.8636
Epoch 28/50
35/35 [==============================] - 8s 227ms/step - loss: 0.3173 - acc: 0.8747 - val_l
oss: 0.3215 - val_acc: 0.8764
Epoch 29/50
35/35 [==============================] - 8s 237ms/step - loss: 0.3063 - acc: 0.8760 - val_l
oss: 0.3395 - val_acc: 0.8527
Epoch 30/50
35/35 [==============================] - 8s 237ms/step - loss: 0.3080 - acc: 0.8787 - val_l
oss: 0.3085 - val_acc: 0.8836
Epoch 31/50
35/35 [==============================] - 8s 227ms/step - loss: 0.2981 - acc: 0.8815 - val_l
oss: 0.3147 - val_acc: 0.8873
Epoch 32/50
35/35 [==============================] - 8s 227ms/step - loss: 0.2884 - acc: 0.8919 - val_l
oss: 0.3171 - val_acc: 0.8782
Epoch 33/50
35/35 [==============================] - 9s 259ms/step - loss: 0.2924 - acc: 0.8892 - val_l
oss: 0.3205 - val_acc: 0.8782
Epoch 34/50
35/35 [==============================] - 8s 230ms/step - loss: 0.2943 - acc: 0.8810 - val_l
oss: 0.3434 - val_acc: 0.8545
Epoch 35/50
35/35 [==============================] - 8s 223ms/step - loss: 0.2904 - acc: 0.8856 - val_l
oss: 0.3121 - val_acc: 0.8873
Epoch 36/50
35/35 [==============================] - 8s 235ms/step - loss: 0.2964 - acc: 0.8787 - val_l
oss: 0.3137 - val_acc: 0.8873
Epoch 37/50
35/35 [==============================] - 8s 224ms/step - loss: 0.2926 - acc: 0.8878 - val_l
oss: 0.3159 - val_acc: 0.8836
Epoch 38/50
35/35 [==============================] - 8s 223ms/step - loss: 0.2888 - acc: 0.8924 - val_l
oss: 0.3159 - val_acc: 0.8836
Epoch 39/50
35/35 [==============================] - 8s 224ms/step - loss: 0.2906 - acc: 0.8869 - val_l
oss: 0.3159 - val_acc: 0.8836
Epoch 40/50
35/35 [==============================] - 8s 242ms/step - loss: 0.2903 - acc: 0.8856 - val_l
oss: 0.3159 - val_acc: 0.8836
```