Epoch 1/10

 1/24 [>.............................] - ETA: 1:10 - loss: 0.7066 - accuracy: 0.3750

 2/24 [=>............................] - ETA: 50s - loss: 1.4912 - accuracy: 0.4219

 3/24 [==>...........................] - ETA: 47s - loss: 1.3899 - accuracy: 0.4792

 4/24 [====>.........................] - ETA: 45s - loss: 1.2527 - accuracy: 0.4766

 5/24 [=====>........................] - ETA: 43s - loss: 1.1353 - accuracy: 0.4812

 6/24 [======>.......................] - ETA: 40s - loss: 1.0669 - accuracy: 0.4688

 7/24 [=======>......................] - ETA: 38s - loss: 1.0125 - accuracy: 0.4955

 8/24 [=========>....................] - ETA: 36s - loss: 0.9753 - accuracy: 0.4961

 9/24 [==========>...................] - ETA: 34s - loss: 0.9445 - accuracy: 0.4931

10/24 [===========>..................] - ETA: 31s - loss: 0.9163 - accuracy: 0.5031

11/24 [============>.................] - ETA: 29s - loss: 0.9012 - accuracy: 0.4943

12/24 [==============>...............] - ETA: 27s - loss: 0.8802 - accuracy: 0.5104

13/24 [===============>..............] - ETA: 24s - loss: 0.8668 - accuracy: 0.5072

14/24 [================>.............] - ETA: 22s - loss: 0.8531 - accuracy: 0.5089

15/24 [=================>............] - ETA: 20s - loss: 0.8388 - accuracy: 0.5229

16/24 [===================>..........] - ETA: 18s - loss: 0.8261 - accuracy: 0.5293

17/24 [====================>.........] - ETA: 15s - loss: 0.8157 - accuracy: 0.5331

18/24 [=====================>........] - ETA: 13s - loss: 0.8090 - accuracy: 0.5347

19/24 [======================>.......] - ETA: 11s - loss: 0.8006 - accuracy: 0.5411

20/24 [========================>.....] - ETA: 9s - loss: 0.7955 - accuracy: 0.5391

21/24 [=========================>....] - ETA: 6s - loss: 0.7856 - accuracy: 0.5461

22/24 [==========================>...] - ETA: 4s - loss: 0.7815 - accuracy: 0.5483

23/24 [===========================>..] - ETA: 2s - loss: 0.7755 - accuracy: 0.5489

24/24 [==============================] - ETA: 0s - loss: 0.7670 - accuracy: 0.5573

24/24 [==============================] - 59s 2s/step - loss: 0.7670 - accuracy: 0.5573 - val\_loss: 0.6235 - val\_accuracy: 0.6510

Epoch 2/10

 1/24 [>.............................] - ETA: 53s - loss: 0.7211 - accuracy: 0.5625

 2/24 [=>............................] - ETA: 50s - loss: 0.6390 - accuracy: 0.6562

 3/24 [==>...........................] - ETA: 48s - loss: 0.6490 - accuracy: 0.6458

 4/24 [====>.........................] - ETA: 46s - loss: 0.6676 - accuracy: 0.6250

 5/24 [=====>........................] - ETA: 43s - loss: 0.6689 - accuracy: 0.6313

 6/24 [======>.......................] - ETA: 41s - loss: 0.6799 - accuracy: 0.6198

 7/24 [=======>......................] - ETA: 39s - loss: 0.6676 - accuracy: 0.6384

 8/24 [=========>....................] - ETA: 37s - loss: 0.6693 - accuracy: 0.6367

 9/24 [==========>...................] - ETA: 34s - loss: 0.6615 - accuracy: 0.6458

10/24 [===========>..................] - ETA: 32s - loss: 0.6538 - accuracy: 0.6469

11/24 [============>.................] - ETA: 30s - loss: 0.6543 - accuracy: 0.6477

12/24 [==============>...............] - ETA: 27s - loss: 0.6528 - accuracy: 0.6484

13/24 [===============>..............] - ETA: 25s - loss: 0.6500 - accuracy: 0.6538

14/24 [================>.............] - ETA: 23s - loss: 0.6515 - accuracy: 0.6473

15/24 [=================>............] - ETA: 20s - loss: 0.6442 - accuracy: 0.6542

16/24 [===================>..........] - ETA: 18s - loss: 0.6457 - accuracy: 0.6484

17/24 [====================>.........] - ETA: 16s - loss: 0.6409 - accuracy: 0.6526

18/24 [=====================>........] - ETA: 13s - loss: 0.6389 - accuracy: 0.6562

19/24 [======================>.......] - ETA: 11s - loss: 0.6406 - accuracy: 0.6513

20/24 [========================>.....] - ETA: 9s - loss: 0.6379 - accuracy: 0.6531

21/24 [=========================>....] - ETA: 6s - loss: 0.6373 - accuracy: 0.6548

22/24 [==========================>...] - ETA: 4s - loss: 0.6358 - accuracy: 0.6520

23/24 [===========================>..] - ETA: 2s - loss: 0.6271 - accuracy: 0.6603

24/24 [==============================] - ETA: 0s - loss: 0.6202 - accuracy: 0.6641

24/24 [==============================] - 60s 3s/step - loss: 0.6202 - accuracy: 0.6641 - val\_loss: 0.5712 - val\_accuracy: 0.6719

Epoch 3/10

 1/24 [>.............................] - ETA: 56s - loss: 0.4889 - accuracy: 0.7188

 2/24 [=>............................] - ETA: 51s - loss: 0.5606 - accuracy: 0.6875

 3/24 [==>...........................] - ETA: 48s - loss: 0.5370 - accuracy: 0.7083

 4/24 [====>.........................] - ETA: 50s - loss: 0.5547 - accuracy: 0.7188

 5/24 [=====>........................] - ETA: 49s - loss: 0.5340 - accuracy: 0.7250

 6/24 [======>.......................] - ETA: 45s - loss: 0.5239 - accuracy: 0.7500

 7/24 [=======>......................] - ETA: 41s - loss: 0.5141 - accuracy: 0.7679

 8/24 [=========>....................] - ETA: 38s - loss: 0.5182 - accuracy: 0.7656

 9/24 [==========>...................] - ETA: 35s - loss: 0.5291 - accuracy: 0.7639

10/24 [===========>..................] - ETA: 32s - loss: 0.5285 - accuracy: 0.7594

11/24 [============>.................] - ETA: 30s - loss: 0.5089 - accuracy: 0.7727

12/24 [==============>...............] - ETA: 28s - loss: 0.5160 - accuracy: 0.7630

13/24 [===============>..............] - ETA: 26s - loss: 0.5173 - accuracy: 0.7596

14/24 [================>.............] - ETA: 24s - loss: 0.5148 - accuracy: 0.7589

15/24 [=================>............] - ETA: 21s - loss: 0.5122 - accuracy: 0.7646

16/24 [===================>..........] - ETA: 19s - loss: 0.5176 - accuracy: 0.7637

17/24 [====================>.........] - ETA: 17s - loss: 0.5186 - accuracy: 0.7592

18/24 [=====================>........] - ETA: 15s - loss: 0.5226 - accuracy: 0.7535

19/24 [======================>.......] - ETA: 13s - loss: 0.5187 - accuracy: 0.7533

20/24 [========================>.....] - ETA: 10s - loss: 0.5078 - accuracy: 0.7625

21/24 [=========================>....] - ETA: 8s - loss: 0.5047 - accuracy: 0.7634

22/24 [==========================>...] - ETA: 5s - loss: 0.5034 - accuracy: 0.7628

23/24 [===========================>..] - ETA: 2s - loss: 0.5009 - accuracy: 0.7649

24/24 [==============================] - ETA: 0s - loss: 0.4966 - accuracy: 0.7656

24/24 [==============================] - 73s 3s/step - loss: 0.4966 - accuracy: 0.7656 - val\_loss: 0.3541 - val\_accuracy: 0.8229

Epoch 4/10

 1/24 [>.............................] - ETA: 1:24 - loss: 0.3525 - accuracy: 0.8750

 2/24 [=>............................] - ETA: 1:20 - loss: 0.3472 - accuracy: 0.8906

 3/24 [==>...........................] - ETA: 1:20 - loss: 0.3436 - accuracy: 0.8854

 4/24 [====>.........................] - ETA: 1:17 - loss: 0.3655 - accuracy: 0.8594

 5/24 [=====>........................] - ETA: 1:16 - loss: 0.3685 - accuracy: 0.8500

 6/24 [======>.......................] - ETA: 1:10 - loss: 0.3910 - accuracy: 0.8333

 7/24 [=======>......................] - ETA: 1:05 - loss: 0.3948 - accuracy: 0.8348

 8/24 [=========>....................] - ETA: 1:00 - loss: 0.3680 - accuracy: 0.8516

 9/24 [==========>...................] - ETA: 56s - loss: 0.3937 - accuracy: 0.8299

10/24 [===========>..................] - ETA: 52s - loss: 0.3835 - accuracy: 0.8344

11/24 [============>.................] - ETA: 48s - loss: 0.4047 - accuracy: 0.8239

12/24 [==============>...............] - ETA: 44s - loss: 0.4034 - accuracy: 0.8281

13/24 [===============>..............] - ETA: 40s - loss: 0.3996 - accuracy: 0.8317

14/24 [================>.............] - ETA: 36s - loss: 0.3953 - accuracy: 0.8326

15/24 [=================>............] - ETA: 32s - loss: 0.3950 - accuracy: 0.8333

16/24 [===================>..........] - ETA: 29s - loss: 0.3853 - accuracy: 0.8359

17/24 [====================>.........] - ETA: 25s - loss: 0.3841 - accuracy: 0.8327

18/24 [=====================>........] - ETA: 21s - loss: 0.3802 - accuracy: 0.8316

19/24 [======================>.......] - ETA: 18s - loss: 0.3720 - accuracy: 0.8355

20/24 [========================>.....] - ETA: 14s - loss: 0.3787 - accuracy: 0.8297

21/24 [=========================>....] - ETA: 10s - loss: 0.3775 - accuracy: 0.8304

22/24 [==========================>...] - ETA: 7s - loss: 0.3794 - accuracy: 0.8281

23/24 [===========================>..] - ETA: 3s - loss: 0.3810 - accuracy: 0.8274

24/24 [==============================] - ETA: 0s - loss: 0.3781 - accuracy: 0.8294

24/24 [==============================] - 92s 4s/step - loss: 0.3781 - accuracy: 0.8294 - val\_loss: 0.3420 - val\_accuracy: 0.8750

Epoch 5/10

 1/24 [>.............................] - ETA: 1:20 - loss: 0.2690 - accuracy: 0.9688

 2/24 [=>............................] - ETA: 1:17 - loss: 0.3660 - accuracy: 0.8594

 3/24 [==>...........................] - ETA: 1:13 - loss: 0.3064 - accuracy: 0.8750

 4/24 [====>.........................] - ETA: 1:10 - loss: 0.2770 - accuracy: 0.8828

 5/24 [=====>........................] - ETA: 1:06 - loss: 0.3702 - accuracy: 0.8500

 6/24 [======>.......................] - ETA: 1:02 - loss: 0.4589 - accuracy: 0.8490

 7/24 [=======>......................] - ETA: 59s - loss: 0.4289 - accuracy: 0.8527

 8/24 [=========>....................] - ETA: 55s - loss: 0.4388 - accuracy: 0.8477

 9/24 [==========>...................] - ETA: 52s - loss: 0.4262 - accuracy: 0.8438

10/24 [===========>..................] - ETA: 48s - loss: 0.4187 - accuracy: 0.8500

11/24 [============>.................] - ETA: 45s - loss: 0.4188 - accuracy: 0.8438

12/24 [==============>...............] - ETA: 41s - loss: 0.4245 - accuracy: 0.8333

13/24 [===============>..............] - ETA: 38s - loss: 0.4217 - accuracy: 0.8341

14/24 [================>.............] - ETA: 34s - loss: 0.4175 - accuracy: 0.8393

15/24 [=================>............] - ETA: 31s - loss: 0.4175 - accuracy: 0.8417

16/24 [===================>..........] - ETA: 27s - loss: 0.4101 - accuracy: 0.8457

17/24 [====================>.........] - ETA: 24s - loss: 0.4082 - accuracy: 0.8456

18/24 [=====================>........] - ETA: 20s - loss: 0.3993 - accuracy: 0.8490

19/24 [======================>.......] - ETA: 17s - loss: 0.3938 - accuracy: 0.8503

20/24 [========================>.....] - ETA: 14s - loss: 0.3923 - accuracy: 0.8484

21/24 [=========================>....] - ETA: 10s - loss: 0.3835 - accuracy: 0.8497

22/24 [==========================>...] - ETA: 7s - loss: 0.3987 - accuracy: 0.8409

23/24 [===========================>..] - ETA: 3s - loss: 0.3891 - accuracy: 0.8424

24/24 [==============================] - ETA: 0s - loss: 0.4138 - accuracy: 0.8359

24/24 [==============================] - 90s 4s/step - loss: 0.4138 - accuracy: 0.8359 - val\_loss: 0.5512 - val\_accuracy: 0.8073

Epoch 6/10

 1/24 [>.............................] - ETA: 1:21 - loss: 0.4764 - accuracy: 0.8125

 2/24 [=>............................] - ETA: 1:16 - loss: 0.3404 - accuracy: 0.8750

 3/24 [==>...........................] - ETA: 1:12 - loss: 0.3008 - accuracy: 0.8958

 4/24 [====>.........................] - ETA: 1:08 - loss: 0.3020 - accuracy: 0.8984

 5/24 [=====>........................] - ETA: 1:05 - loss: 0.3057 - accuracy: 0.8938

 6/24 [======>.......................] - ETA: 1:01 - loss: 0.3070 - accuracy: 0.8958

 7/24 [=======>......................] - ETA: 58s - loss: 0.3008 - accuracy: 0.8973

 8/24 [=========>....................] - ETA: 55s - loss: 0.3025 - accuracy: 0.9023

 9/24 [==========>...................] - ETA: 52s - loss: 0.2997 - accuracy: 0.9062

10/24 [===========>..................] - ETA: 48s - loss: 0.3041 - accuracy: 0.8969

11/24 [============>.................] - ETA: 45s - loss: 0.2922 - accuracy: 0.9034

12/24 [==============>...............] - ETA: 41s - loss: 0.3197 - accuracy: 0.8932

13/24 [===============>..............] - ETA: 38s - loss: 0.3105 - accuracy: 0.8942

14/24 [================>.............] - ETA: 34s - loss: 0.3118 - accuracy: 0.8951

15/24 [=================>............] - ETA: 31s - loss: 0.3054 - accuracy: 0.8958

16/24 [===================>..........] - ETA: 27s - loss: 0.2971 - accuracy: 0.9004

17/24 [====================>.........] - ETA: 24s - loss: 0.3026 - accuracy: 0.8971

18/24 [=====================>........] - ETA: 20s - loss: 0.2998 - accuracy: 0.8993

19/24 [======================>.......] - ETA: 17s - loss: 0.3041 - accuracy: 0.8980

20/24 [========================>.....] - ETA: 13s - loss: 0.2964 - accuracy: 0.9000

21/24 [=========================>....] - ETA: 10s - loss: 0.3043 - accuracy: 0.8988

22/24 [==========================>...] - ETA: 6s - loss: 0.3087 - accuracy: 0.8949

23/24 [===========================>..] - ETA: 3s - loss: 0.3037 - accuracy: 0.8954

24/24 [==============================] - ETA: 0s - loss: 0.2982 - accuracy: 0.8971

24/24 [==============================] - 90s 4s/step - loss: 0.2982 - accuracy: 0.8971 - val\_loss: 0.2317 - val\_accuracy: 0.9167

Epoch 7/10

 1/24 [>.............................] - ETA: 1:24 - loss: 0.3098 - accuracy: 0.8125

 2/24 [=>............................] - ETA: 1:18 - loss: 0.3402 - accuracy: 0.8438

 3/24 [==>...........................] - ETA: 1:14 - loss: 0.2941 - accuracy: 0.8750

 4/24 [====>.........................] - ETA: 1:11 - loss: 0.2552 - accuracy: 0.8906

 5/24 [=====>........................] - ETA: 1:07 - loss: 0.2495 - accuracy: 0.9000

 6/24 [======>.......................] - ETA: 1:04 - loss: 0.2529 - accuracy: 0.9062

 7/24 [=======>......................] - ETA: 1:00 - loss: 0.2465 - accuracy: 0.9062

 8/24 [=========>....................] - ETA: 57s - loss: 0.2525 - accuracy: 0.9023

 9/24 [==========>...................] - ETA: 53s - loss: 0.2666 - accuracy: 0.8958

10/24 [===========>..................] - ETA: 50s - loss: 0.2530 - accuracy: 0.9031

11/24 [============>.................] - ETA: 46s - loss: 0.2497 - accuracy: 0.9034

12/24 [==============>...............] - ETA: 42s - loss: 0.2472 - accuracy: 0.9062

13/24 [===============>..............] - ETA: 39s - loss: 0.2457 - accuracy: 0.9062

14/24 [================>.............] - ETA: 35s - loss: 0.2451 - accuracy: 0.9085

15/24 [=================>............] - ETA: 32s - loss: 0.2440 - accuracy: 0.9104

16/24 [===================>..........] - ETA: 28s - loss: 0.2374 - accuracy: 0.9141

17/24 [====================>.........] - ETA: 24s - loss: 0.2376 - accuracy: 0.9099

18/24 [=====================>........] - ETA: 21s - loss: 0.2420 - accuracy: 0.9062

19/24 [======================>.......] - ETA: 17s - loss: 0.2427 - accuracy: 0.9062

20/24 [========================>.....] - ETA: 14s - loss: 0.2413 - accuracy: 0.9062

21/24 [=========================>....] - ETA: 10s - loss: 0.2377 - accuracy: 0.9077

22/24 [==========================>...] - ETA: 7s - loss: 0.2350 - accuracy: 0.9091

23/24 [===========================>..] - ETA: 3s - loss: 0.2403 - accuracy: 0.9076

24/24 [==============================] - ETA: 0s - loss: 0.2450 - accuracy: 0.9062

24/24 [==============================] - 90s 4s/step - loss: 0.2450 - accuracy: 0.9062 - val\_loss: 0.2286 - val\_accuracy: 0.9167

Epoch 8/10

 1/24 [>.............................] - ETA: 1:21 - loss: 0.4434 - accuracy: 0.8438

 2/24 [=>............................] - ETA: 1:18 - loss: 0.2740 - accuracy: 0.9219

 3/24 [==>...........................] - ETA: 1:14 - loss: 0.2300 - accuracy: 0.9375

 4/24 [====>.........................] - ETA: 1:11 - loss: 0.2233 - accuracy: 0.9375

 5/24 [=====>........................] - ETA: 1:07 - loss: 0.2313 - accuracy: 0.9250

 6/24 [======>.......................] - ETA: 1:04 - loss: 0.2184 - accuracy: 0.9271

 7/24 [=======>......................] - ETA: 1:00 - loss: 0.1990 - accuracy: 0.9330

 8/24 [=========>....................] - ETA: 57s - loss: 0.2268 - accuracy: 0.9258

 9/24 [==========>...................] - ETA: 53s - loss: 0.2347 - accuracy: 0.9097

10/24 [===========>..................] - ETA: 50s - loss: 0.2166 - accuracy: 0.9187

11/24 [============>.................] - ETA: 46s - loss: 0.2148 - accuracy: 0.9205

12/24 [==============>...............] - ETA: 43s - loss: 0.2248 - accuracy: 0.9089

13/24 [===============>..............] - ETA: 39s - loss: 0.2214 - accuracy: 0.9111

14/24 [================>.............] - ETA: 35s - loss: 0.2122 - accuracy: 0.9174

15/24 [=================>............] - ETA: 32s - loss: 0.2053 - accuracy: 0.9229

16/24 [===================>..........] - ETA: 28s - loss: 0.2097 - accuracy: 0.9219

17/24 [====================>.........] - ETA: 25s - loss: 0.2157 - accuracy: 0.9173

18/24 [=====================>........] - ETA: 21s - loss: 0.2222 - accuracy: 0.9149

19/24 [======================>.......] - ETA: 17s - loss: 0.2255 - accuracy: 0.9112

20/24 [========================>.....] - ETA: 14s - loss: 0.2254 - accuracy: 0.9125

21/24 [=========================>....] - ETA: 10s - loss: 0.2239 - accuracy: 0.9122

22/24 [==========================>...] - ETA: 7s - loss: 0.2299 - accuracy: 0.9105

23/24 [===========================>..] - ETA: 3s - loss: 0.2280 - accuracy: 0.9117

24/24 [==============================] - ETA: 0s - loss: 0.2252 - accuracy: 0.9115

24/24 [==============================] - 91s 4s/step - loss: 0.2252 - accuracy: 0.9115 - val\_loss: 0.2206 - val\_accuracy: 0.9271

Epoch 9/10

 1/24 [>.............................] - ETA: 1:20 - loss: 0.2774 - accuracy: 0.9062

 2/24 [=>............................] - ETA: 1:17 - loss: 0.1744 - accuracy: 0.9375

 3/24 [==>...........................] - ETA: 1:12 - loss: 0.1811 - accuracy: 0.9479

 4/24 [====>.........................] - ETA: 1:09 - loss: 0.1890 - accuracy: 0.9375

 5/24 [=====>........................] - ETA: 1:06 - loss: 0.1706 - accuracy: 0.9438

 6/24 [======>.......................] - ETA: 1:02 - loss: 0.1785 - accuracy: 0.9427

 7/24 [=======>......................] - ETA: 59s - loss: 0.1703 - accuracy: 0.9420

 8/24 [=========>....................] - ETA: 56s - loss: 0.1711 - accuracy: 0.9453

 9/24 [==========>...................] - ETA: 53s - loss: 0.1730 - accuracy: 0.9410

10/24 [===========>..................] - ETA: 49s - loss: 0.1748 - accuracy: 0.9406

11/24 [============>.................] - ETA: 46s - loss: 0.1964 - accuracy: 0.9261

12/24 [==============>...............] - ETA: 42s - loss: 0.1983 - accuracy: 0.9297

13/24 [===============>..............] - ETA: 39s - loss: 0.2030 - accuracy: 0.9255

14/24 [================>.............] - ETA: 35s - loss: 0.2071 - accuracy: 0.9219

15/24 [=================>............] - ETA: 32s - loss: 0.2068 - accuracy: 0.9229

16/24 [===================>..........] - ETA: 28s - loss: 0.2063 - accuracy: 0.9199

17/24 [====================>.........] - ETA: 25s - loss: 0.2024 - accuracy: 0.9246

18/24 [=====================>........] - ETA: 21s - loss: 0.1994 - accuracy: 0.9253

19/24 [======================>.......] - ETA: 17s - loss: 0.1937 - accuracy: 0.9276

20/24 [========================>.....] - ETA: 14s - loss: 0.1883 - accuracy: 0.9297

21/24 [=========================>....] - ETA: 10s - loss: 0.1877 - accuracy: 0.9286

22/24 [==========================>...] - ETA: 7s - loss: 0.1970 - accuracy: 0.9233

23/24 [===========================>..] - ETA: 3s - loss: 0.2031 - accuracy: 0.9212

24/24 [==============================] - ETA: 0s - loss: 0.2020 - accuracy: 0.9206

24/24 [==============================] - 91s 4s/step - loss: 0.2020 - accuracy: 0.9206 - val\_loss: 0.2214 - val\_accuracy: 0.9167

Epoch 10/10

 1/24 [>.............................] - ETA: 1:22 - loss: 0.1068 - accuracy: 0.9688

 2/24 [=>............................] - ETA: 1:15 - loss: 0.1008 - accuracy: 0.9688

 3/24 [==>...........................] - ETA: 1:12 - loss: 0.1424 - accuracy: 0.9583

 4/24 [====>.........................] - ETA: 1:09 - loss: 0.1534 - accuracy: 0.9531

 5/24 [=====>........................] - ETA: 1:05 - loss: 0.1585 - accuracy: 0.9500

 6/24 [======>.......................] - ETA: 1:02 - loss: 0.1528 - accuracy: 0.9531

 7/24 [=======>......................] - ETA: 59s - loss: 0.1459 - accuracy: 0.9554

 8/24 [=========>....................] - ETA: 55s - loss: 0.1724 - accuracy: 0.9492

 9/24 [==========>...................] - ETA: 52s - loss: 0.1914 - accuracy: 0.9340

10/24 [===========>..................] - ETA: 49s - loss: 0.1890 - accuracy: 0.9312

11/24 [============>.................] - ETA: 45s - loss: 0.1767 - accuracy: 0.9375

12/24 [==============>...............] - ETA: 42s - loss: 0.1885 - accuracy: 0.9323

13/24 [===============>..............] - ETA: 38s - loss: 0.1886 - accuracy: 0.9303

14/24 [================>.............] - ETA: 35s - loss: 0.1939 - accuracy: 0.9308

15/24 [=================>............] - ETA: 31s - loss: 0.2028 - accuracy: 0.9271

16/24 [===================>..........] - ETA: 28s - loss: 0.2052 - accuracy: 0.9258

17/24 [====================>.........] - ETA: 24s - loss: 0.2089 - accuracy: 0.9210

18/24 [=====================>........] - ETA: 21s - loss: 0.2091 - accuracy: 0.9201

19/24 [======================>.......] - ETA: 17s - loss: 0.2024 - accuracy: 0.9243

20/24 [========================>.....] - ETA: 14s - loss: 0.1988 - accuracy: 0.9250

21/24 [=========================>....] - ETA: 10s - loss: 0.2020 - accuracy: 0.9226

22/24 [==========================>...] - ETA: 7s - loss: 0.2023 - accuracy: 0.9233

23/24 [===========================>..] - ETA: 3s - loss: 0.2011 - accuracy: 0.9212

24/24 [==============================] - ETA: 0s - loss: 0.2047 - accuracy: 0.9180

24/24 [==============================] - 91s 4s/step - loss: 0.2047 - accuracy: 0.9180 - val\_loss: 0.2953 - val\_accuracy: 0.8906

1/6 [====>.........................] - ETA: 4s - loss: 0.6991 - accuracy: 0.7812

2/6 [=========>....................] - ETA: 3s - loss: 0.3944 - accuracy: 0.8750

3/6 [==============>...............] - ETA: 2s - loss: 0.2694 - accuracy: 0.9167

4/6 [===================>..........] - ETA: 1s - loss: 0.2806 - accuracy: 0.9141

5/6 [========================>.....] - ETA: 0s - loss: 0.3110 - accuracy: 0.9000

6/6 [==============================] - ETA: 0s - loss: 0.2953 - accuracy: 0.8906

6/6 [==============================] - 6s 967ms/step - loss: 0.2953 - accuracy: 0.8906

Test loss: 0.29534974694252014

Test accuracy: 0.890625

Model Summary:

 Layer (type)                Output Shape              Param #

=================================================================

 conv2d (Conv2D)             (None, 148, 148, 64)      1792

 max\_pooling2d (MaxPooling2D  (None, 74, 74, 64)       0

 )

 conv2d\_1 (Conv2D)           (None, 72, 72, 128)       73856

 max\_pooling2d\_1 (MaxPooling  (None, 36, 36, 128)      0

 2D)

 conv2d\_2 (Conv2D)           (None, 34, 34, 256)       295168

 max\_pooling2d\_2 (MaxPooling  (None, 17, 17, 256)      0

 2D)

 flatten (Flatten)           (None, 73984)             0

 dense (Dense)               (None, 256)               18940160

 dropout (Dropout)           (None, 256)               0

 dense\_1 (Dense)             (None, 128)               32896

 dropout\_1 (Dropout)         (None, 128)               0

 dense\_2 (Dense)             (None, 2)                 258

=================================================================

Total params: 19,344,130

Trainable params: 19,344,130

Non-trainable params: 0

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