Epoch 1/150

39/39 [==============================] - 121s 3s/step - loss: 1.0096 - acc: 0.5691

Epoch 2/150

39/39 [==============================] - 119s 3s/step - loss: 0.8587 - acc: 0.6015

Epoch 3/150

39/39 [==============================] - 122s 3s/step - loss: 0.8234 - acc: 0.6206

Epoch 4/150

39/39 [==============================] - 133s 3s/step - loss: 0.8039 - acc: 0.6286

Epoch 5/150

39/39 [==============================] - 123s 3s/step - loss: 0.7784 - acc: 0.6453

Epoch 6/150

39/39 [==============================] - 119s 3s/step - loss: 0.7518 - acc: 0.6635

Epoch 7/150

39/39 [==============================] - 118s 3s/step - loss: 0.7339 - acc: 0.6749

Epoch 8/150

39/39 [==============================] - 118s 3s/step - loss: 0.7223 - acc: 0.6783

Epoch 9/150

39/39 [==============================] - 119s 3s/step - loss: 0.7095 - acc: 0.6850

Epoch 10/150

39/39 [==============================] - 118s 3s/step - loss: 0.6959 - acc: 0.6914

Epoch 11/150

39/39 [==============================] - 119s 3s/step - loss: 0.6946 - acc: 0.6933

Epoch 12/150

39/39 [==============================] - 118s 3s/step - loss: 0.6906 - acc: 0.6971

Epoch 13/150

39/39 [==============================] - 118s 3s/step - loss: 0.6843 - acc: 0.7005

Epoch 14/150

39/39 [==============================] - 119s 3s/step - loss: 0.6699 - acc: 0.7085

Epoch 15/150

39/39 [==============================] - 118s 3s/step - loss: 0.6669 - acc: 0.7078

Epoch 16/150

39/39 [==============================] - 119s 3s/step - loss: 0.6603 - acc: 0.7133

Epoch 17/150

39/39 [==============================] - 119s 3s/step - loss: 0.6566 - acc: 0.7158

Epoch 18/150

39/39 [==============================] - 118s 3s/step - loss: 0.6521 - acc: 0.7148

Epoch 19/150

39/39 [==============================] - 120s 3s/step - loss: 0.6405 - acc: 0.7191

Epoch 20/150

39/39 [==============================] - 122s 3s/step - loss: 0.6402 - acc: 0.7225

Epoch 21/150

39/39 [==============================] - 137s 4s/step - loss: 0.6290 - acc: 0.7267

Epoch 22/150

39/39 [==============================] - 131s 3s/step - loss: 0.6267 - acc: 0.7288

Epoch 23/150

39/39 [==============================] - 127s 3s/step - loss: 0.6252 - acc: 0.7301

Epoch 24/150

39/39 [==============================] - 129s 3s/step - loss: 0.6181 - acc: 0.7350

Epoch 25/150

39/39 [==============================] - 131s 3s/step - loss: 0.6182 - acc: 0.7331

Epoch 26/150

39/39 [==============================] - 120s 3s/step - loss: 0.6224 - acc: 0.7365

Epoch 27/150

39/39 [==============================] - 119s 3s/step - loss: 0.6214 - acc: 0.7328

Epoch 28/150

39/39 [==============================] - 119s 3s/step - loss: 0.6160 - acc: 0.7361

Epoch 29/150

39/39 [==============================] - 119s 3s/step - loss: 0.6036 - acc: 0.7413

Epoch 30/150

39/39 [==============================] - 119s 3s/step - loss: 0.6011 - acc: 0.7434

Epoch 31/150

39/39 [==============================] - 119s 3s/step - loss: 0.5991 - acc: 0.7455

Epoch 32/150

39/39 [==============================] - 119s 3s/step - loss: 0.5987 - acc: 0.7434

Epoch 33/150

39/39 [==============================] - 119s 3s/step - loss: 0.5957 - acc: 0.7477

Epoch 34/150

39/39 [==============================] - 119s 3s/step - loss: 0.5982 - acc: 0.7467

Epoch 35/150

39/39 [==============================] - 119s 3s/step - loss: 0.5922 - acc: 0.7488

Epoch 36/150

39/39 [==============================] - 119s 3s/step - loss: 0.5862 - acc: 0.7509

Epoch 37/150

39/39 [==============================] - 119s 3s/step - loss: 0.5815 - acc: 0.7521

Epoch 38/150

39/39 [==============================] - 119s 3s/step - loss: 0.5787 - acc: 0.7531

Epoch 39/150

39/39 [==============================] - 119s 3s/step - loss: 0.5770 - acc: 0.7511

Epoch 40/150

39/39 [==============================] - 120s 3s/step - loss: 0.5784 - acc: 0.7548

Epoch 41/150

39/39 [==============================] - 120s 3s/step - loss: 0.5731 - acc: 0.7564

Epoch 42/150

39/39 [==============================] - 120s 3s/step - loss: 0.5657 - acc: 0.7619

Epoch 43/150

39/39 [==============================] - 119s 3s/step - loss: 0.5742 - acc: 0.7569

Epoch 44/150

39/39 [==============================] - 119s 3s/step - loss: 0.5610 - acc: 0.7626

Epoch 45/150

39/39 [==============================] - 120s 3s/step - loss: 0.5595 - acc: 0.7640

Epoch 46/150

39/39 [==============================] - 119s 3s/step - loss: 0.5621 - acc: 0.7604

Epoch 47/150

39/39 [==============================] - 119s 3s/step - loss: 0.5616 - acc: 0.7590

Epoch 48/150

39/39 [==============================] - 119s 3s/step - loss: 0.5539 - acc: 0.7642

Epoch 49/150

39/39 [==============================] - 119s 3s/step - loss: 0.5520 - acc: 0.7693

Epoch 50/150

39/39 [==============================] - 119s 3s/step - loss: 0.5516 - acc: 0.7649

Epoch 51/150

39/39 [==============================] - 119s 3s/step - loss: 0.5557 - acc: 0.7652

Epoch 52/150

39/39 [==============================] - 119s 3s/step - loss: 0.5501 - acc: 0.7712

Epoch 53/150

39/39 [==============================] - 119s 3s/step - loss: 0.5536 - acc: 0.7671

Epoch 54/150

39/39 [==============================] - 119s 3s/step - loss: 0.5391 - acc: 0.7722

Epoch 55/150

39/39 [==============================] - 119s 3s/step - loss: 0.5392 - acc: 0.7736

Epoch 56/150

39/39 [==============================] - 119s 3s/step - loss: 0.5435 - acc: 0.7723

Epoch 57/150

39/39 [==============================] - 119s 3s/step - loss: 0.5426 - acc: 0.7665

Epoch 58/150

39/39 [==============================] - 119s 3s/step - loss: 0.5369 - acc: 0.7718

Epoch 59/150

39/39 [==============================] - 119s 3s/step - loss: 0.5324 - acc: 0.7769

Epoch 60/150

39/39 [==============================] - 119s 3s/step - loss: 0.5322 - acc: 0.7741

Epoch 61/150

39/39 [==============================] - 119s 3s/step - loss: 0.5330 - acc: 0.7769

Epoch 62/150

39/39 [==============================] - 119s 3s/step - loss: 0.5341 - acc: 0.7740

Epoch 63/150

39/39 [==============================] - 119s 3s/step - loss: 0.5187 - acc: 0.7825

Epoch 64/150

39/39 [==============================] - 119s 3s/step - loss: 0.5236 - acc: 0.7810

Epoch 65/150

39/39 [==============================] - 119s 3s/step - loss: 0.5167 - acc: 0.7864

Epoch 66/150

39/39 [==============================] - 119s 3s/step - loss: 0.5209 - acc: 0.7852

Epoch 67/150

39/39 [==============================] - 119s 3s/step - loss: 0.5139 - acc: 0.7853

Epoch 68/150

39/39 [==============================] - 119s 3s/step - loss: 0.5171 - acc: 0.7806

Epoch 69/150

39/39 [==============================] - 119s 3s/step - loss: 0.5089 - acc: 0.7857

Epoch 70/150

39/39 [==============================] - 119s 3s/step - loss: 0.5121 - acc: 0.7863

Epoch 71/150

39/39 [==============================] - 119s 3s/step - loss: 0.5103 - acc: 0.7879

Epoch 72/150

39/39 [==============================] - 119s 3s/step - loss: 0.5118 - acc: 0.7847

Epoch 73/150

39/39 [==============================] - 119s 3s/step - loss: 0.5066 - acc: 0.7909

Epoch 74/150

39/39 [==============================] - 119s 3s/step - loss: 0.5018 - acc: 0.7901

Epoch 75/150

39/39 [==============================] - 119s 3s/step - loss: 0.5030 - acc: 0.7911

Epoch 76/150

39/39 [==============================] - 119s 3s/step - loss: 0.5076 - acc: 0.7880

Epoch 77/150

39/39 [==============================] - 119s 3s/step - loss: 0.4992 - acc: 0.7921

Epoch 78/150

39/39 [==============================] - 119s 3s/step - loss: 0.5040 - acc: 0.7886

Epoch 79/150

39/39 [==============================] - 119s 3s/step - loss: 0.4984 - acc: 0.7921

Epoch 80/150

39/39 [==============================] - 119s 3s/step - loss: 0.4928 - acc: 0.7910

Epoch 81/150

39/39 [==============================] - 119s 3s/step - loss: 0.4902 - acc: 0.7951

Epoch 82/150

39/39 [==============================] - 119s 3s/step - loss: 0.5053 - acc: 0.7885

Epoch 83/150

39/39 [==============================] - 119s 3s/step - loss: 0.4960 - acc: 0.7898

Epoch 84/150

39/39 [==============================] - 119s 3s/step - loss: 0.4965 - acc: 0.7933

Epoch 85/150

39/39 [==============================] - 121s 3s/step - loss: 0.4870 - acc: 0.7968

Epoch 86/150

39/39 [==============================] - 120s 3s/step - loss: 0.4910 - acc: 0.7959

Epoch 87/150

39/39 [==============================] - 119s 3s/step - loss: 0.4833 - acc: 0.7988

Epoch 88/150

39/39 [==============================] - 118s 3s/step - loss: 0.4911 - acc: 0.7972

Epoch 89/150

39/39 [==============================] - 119s 3s/step - loss: 0.4811 - acc: 0.7994

Epoch 90/150

39/39 [==============================] - 119s 3s/step - loss: 0.4815 - acc: 0.8015

Epoch 91/150

39/39 [==============================] - 119s 3s/step - loss: 0.4797 - acc: 0.8010

Epoch 92/150

39/39 [==============================] - 119s 3s/step - loss: 0.4802 - acc: 0.8016

Epoch 93/150

39/39 [==============================] - 119s 3s/step - loss: 0.4786 - acc: 0.8015

Epoch 94/150

39/39 [==============================] - 126s 3s/step - loss: 0.4825 - acc: 0.8022

Epoch 95/150

39/39 [==============================] - 119s 3s/step - loss: 0.4768 - acc: 0.8057

Epoch 96/150

39/39 [==============================] - 119s 3s/step - loss: 0.4810 - acc: 0.7985

Epoch 97/150

39/39 [==============================] - 119s 3s/step - loss: 0.4814 - acc: 0.8005

Epoch 98/150

39/39 [==============================] - 119s 3s/step - loss: 0.4828 - acc: 0.7964

Epoch 99/150

39/39 [==============================] - 119s 3s/step - loss: 0.4740 - acc: 0.8048

Epoch 100/150

39/39 [==============================] - 119s 3s/step - loss: 0.4733 - acc: 0.8022

Epoch 101/150

39/39 [==============================] - 120s 3s/step - loss: 0.4694 - acc: 0.8077

Epoch 102/150

39/39 [==============================] - 119s 3s/step - loss: 0.4687 - acc: 0.8048

Epoch 103/150

39/39 [==============================] - 120s 3s/step - loss: 0.4687 - acc: 0.8069

Epoch 104/150

39/39 [==============================] - 119s 3s/step - loss: 0.4673 - acc: 0.8118

Epoch 105/150

39/39 [==============================] - 119s 3s/step - loss: 0.4674 - acc: 0.8043

Epoch 106/150

39/39 [==============================] - 119s 3s/step - loss: 0.4547 - acc: 0.8130

Epoch 107/150

39/39 [==============================] - 119s 3s/step - loss: 0.4668 - acc: 0.8090

Epoch 108/150

39/39 [==============================] - 119s 3s/step - loss: 0.4553 - acc: 0.8100

Epoch 109/150

39/39 [==============================] - 120s 3s/step - loss: 0.4570 - acc: 0.8120

Epoch 110/150

39/39 [==============================] - 120s 3s/step - loss: 0.4605 - acc: 0.8101

Epoch 111/150

39/39 [==============================] - 120s 3s/step - loss: 0.4514 - acc: 0.8127

Epoch 112/150

39/39 [==============================] - 119s 3s/step - loss: 0.4509 - acc: 0.8118

Epoch 113/150

39/39 [==============================] - 121s 3s/step - loss: 0.4633 - acc: 0.8079

Epoch 114/150

39/39 [==============================] - 120s 3s/step - loss: 0.4490 - acc: 0.8159

Epoch 115/150

39/39 [==============================] - 119s 3s/step - loss: 0.4537 - acc: 0.8112

Epoch 116/150

39/39 [==============================] - 119s 3s/step - loss: 0.4449 - acc: 0.8186

Epoch 117/150

39/39 [==============================] - 119s 3s/step - loss: 0.4526 - acc: 0.8130

Epoch 118/150

39/39 [==============================] - 119s 3s/step - loss: 0.4484 - acc: 0.8151

Epoch 119/150

39/39 [==============================] - 119s 3s/step - loss: 0.4341 - acc: 0.8202

Epoch 120/150

39/39 [==============================] - 119s 3s/step - loss: 0.4466 - acc: 0.8143

Epoch 121/150

39/39 [==============================] - 119s 3s/step - loss: 0.4502 - acc: 0.8150

Epoch 122/150

39/39 [==============================] - 119s 3s/step - loss: 0.4343 - acc: 0.8222

Epoch 123/150

39/39 [==============================] - 119s 3s/step - loss: 0.4307 - acc: 0.8229

Epoch 124/150

39/39 [==============================] - 119s 3s/step - loss: 0.4472 - acc: 0.8149

Epoch 125/150

39/39 [==============================] - 119s 3s/step - loss: 0.4346 - acc: 0.8224

Epoch 126/150

39/39 [==============================] - 119s 3s/step - loss: 0.4362 - acc: 0.8224

Epoch 127/150

39/39 [==============================] - 119s 3s/step - loss: 0.4449 - acc: 0.8166

Epoch 128/150

39/39 [==============================] - 120s 3s/step - loss: 0.4377 - acc: 0.8205

Epoch 129/150

39/39 [==============================] - 119s 3s/step - loss: 0.4471 - acc: 0.8163

Epoch 130/150

39/39 [==============================] - 119s 3s/step - loss: 0.4342 - acc: 0.8233

Epoch 131/150

39/39 [==============================] - 119s 3s/step - loss: 0.4366 - acc: 0.8225

Epoch 132/150

39/39 [==============================] - 119s 3s/step - loss: 0.4448 - acc: 0.8178

Epoch 133/150

39/39 [==============================] - 119s 3s/step - loss: 0.4419 - acc: 0.8182

Epoch 134/150

39/39 [==============================] - 119s 3s/step - loss: 0.4302 - acc: 0.8240

Epoch 135/150

39/39 [==============================] - 119s 3s/step - loss: 0.4271 - acc: 0.8236

Epoch 136/150

39/39 [==============================] - 119s 3s/step - loss: 0.4309 - acc: 0.8220

Epoch 137/150

39/39 [==============================] - 119s 3s/step - loss: 0.4344 - acc: 0.8180

Epoch 138/150

39/39 [==============================] - 119s 3s/step - loss: 0.4338 - acc: 0.8224

Epoch 139/150

39/39 [==============================] - 119s 3s/step - loss: 0.4264 - acc: 0.8249

Epoch 140/150

39/39 [==============================] - 119s 3s/step - loss: 0.4343 - acc: 0.8228

Epoch 141/150

39/39 [==============================] - 119s 3s/step - loss: 0.4158 - acc: 0.8291

Epoch 142/150

39/39 [==============================] - 119s 3s/step - loss: 0.4214 - acc: 0.8300

Epoch 143/150

39/39 [==============================] - 119s 3s/step - loss: 0.4330 - acc: 0.8224

Epoch 144/150

39/39 [==============================] - 119s 3s/step - loss: 0.4256 - acc: 0.8256

Epoch 145/150

39/39 [==============================] - 119s 3s/step - loss: 0.4246 - acc: 0.8271

Epoch 146/150

39/39 [==============================] - 119s 3s/step - loss: 0.4212 - acc: 0.8265

Epoch 147/150

39/39 [==============================] - 119s 3s/step - loss: 0.4173 - acc: 0.8285

Epoch 148/150

39/39 [==============================] - 119s 3s/step - loss: 0.4218 - acc: 0.8279

Epoch 149/150

39/39 [==============================] - 119s 3s/step - loss: 0.4117 - acc: 0.8339

Epoch 150/150

39/39 [==============================] - 119s 3s/step - loss: 0.4110 - acc: 0.8312