C:\Users\talha\Anaconda3\envs\tensorflow\_env\python.exe C:/Users/talha/PycharmProjects/rnn/movie2.py

Using TensorFlow backend.

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 678 entries, 0 to 677

Data columns (total 1 columns):

yorum 678 non-null object

dtypes: object(1)

memory usage: 5.4+ KB

C:\Users\talha\Anaconda3\envs\tensorflow\_env\lib\site-packages\pandas\core\indexing.py:190: SettingWithCopyWarning:

A value is trying to be set on a copy of a slice from a DataFrame

See the caveats in the documentation: http://pandas.pydata.org/pandas-docs/stable/indexing.html#indexing-view-versus-copy

self.\_setitem\_with\_indexer(indexer, value)

622 19427 "The loss of time was a movie ... The Lo...

336 4364 "shrek" which could be bad :);;;

531 13902 "was a movie I expected very much, but I...

605 19394 "This film cannot go near the Oscar, but...

15 war or action side, in the shadow of the love ...

Name: yorum, dtype: object

X\_train shape: (508,)

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Layer (type) Output Shape Param #

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inputs (InputLayer) (None, 100) 0

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embedding\_1 (Embedding) (None, 100, 50) 250000

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lstm\_1 (LSTM) (None, 64) 29440

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FC1 (Dense) (None, 256) 16640

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activation\_1 (Activation) (None, 256) 0

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dropout\_1 (Dropout) (None, 256) 0

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out\_layer (Dense) (None, 1) 257

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activation\_2 (Activation) (None, 1) 0

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Total params: 296,337

Trainable params: 296,337

Non-trainable params: 0

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Train on 406 samples, validate on 102 samples

Epoch 1/100

2019-05-09 23:04:34.231221: I T:\src\github\tensorflow\tensorflow\core\platform\cpu\_feature\_guard.cc:141] Your CPU supports instructions that this TensorFlow binary was not compiled to use: AVX2

16/406 [>.............................] - ETA: 15s - loss: 0.6938 - acc: 0.5000

48/406 [==>...........................] - ETA: 5s - loss: 0.6906 - acc: 0.6042

80/406 [====>.........................] - ETA: 3s - loss: 0.6845 - acc: 0.6500

112/406 [=======>......................] - ETA: 2s - loss: 0.6856 - acc: 0.6161

144/406 [=========>....................] - ETA: 1s - loss: 0.6869 - acc: 0.5972

176/406 [============>.................] - ETA: 1s - loss: 0.6865 - acc: 0.5909

208/406 [==============>...............] - ETA: 1s - loss: 0.6860 - acc: 0.5913

240/406 [================>.............] - ETA: 0s - loss: 0.6856 - acc: 0.5958

272/406 [===================>..........] - ETA: 0s - loss: 0.6875 - acc: 0.5809

304/406 [=====================>........] - ETA: 0s - loss: 0.6848 - acc: 0.5888

336/406 [=======================>......] - ETA: 0s - loss: 0.6864 - acc: 0.5774

368/406 [==========================>...] - ETA: 0s - loss: 0.6835 - acc: 0.5870

400/406 [============================>.] - ETA: 0s - loss: 0.6852 - acc: 0.5775

406/406 [==============================] - 2s 4ms/step - loss: 0.6848 - acc: 0.5788 - val\_loss: 0.6640 - val\_acc: 0.6275

Epoch 2/100

16/406 [>.............................] - ETA: 1s - loss: 0.7240 - acc: 0.3750

48/406 [==>...........................] - ETA: 0s - loss: 0.6851 - acc: 0.5208

80/406 [====>.........................] - ETA: 0s - loss: 0.6767 - acc: 0.5375

112/406 [=======>......................] - ETA: 0s - loss: 0.6762 - acc: 0.5357

144/406 [=========>....................] - ETA: 0s - loss: 0.6573 - acc: 0.5903

176/406 [============>.................] - ETA: 0s - loss: 0.6508 - acc: 0.6023

208/406 [==============>...............] - ETA: 0s - loss: 0.6417 - acc: 0.6106

240/406 [================>.............] - ETA: 0s - loss: 0.6450 - acc: 0.6000

272/406 [===================>..........] - ETA: 0s - loss: 0.6429 - acc: 0.5993

304/406 [=====================>........] - ETA: 0s - loss: 0.6403 - acc: 0.6020

336/406 [=======================>......] - ETA: 0s - loss: 0.6444 - acc: 0.5833

368/406 [==========================>...] - ETA: 0s - loss: 0.6422 - acc: 0.5870

400/406 [============================>.] - ETA: 0s - loss: 0.6377 - acc: 0.5925

406/406 [==============================] - 1s 2ms/step - loss: 0.6376 - acc: 0.5936 - val\_loss: 0.6281 - val\_acc: 0.6078

Epoch 3/100

16/406 [>.............................] - ETA: 0s - loss: 0.5241 - acc: 0.8125

48/406 [==>...........................] - ETA: 0s - loss: 0.4990 - acc: 0.7917

80/406 [====>.........................] - ETA: 0s - loss: 0.5791 - acc: 0.7875

112/406 [=======>......................] - ETA: 0s - loss: 0.5746 - acc: 0.7857

144/406 [=========>....................] - ETA: 0s - loss: 0.5705 - acc: 0.7778

176/406 [============>.................] - ETA: 0s - loss: 0.5492 - acc: 0.7955

208/406 [==============>...............] - ETA: 0s - loss: 0.5491 - acc: 0.7788

240/406 [================>.............] - ETA: 0s - loss: 0.5331 - acc: 0.7958

272/406 [===================>..........] - ETA: 0s - loss: 0.5174 - acc: 0.8088

304/406 [=====================>........] - ETA: 0s - loss: 0.5038 - acc: 0.8125

336/406 [=======================>......] - ETA: 0s - loss: 0.4958 - acc: 0.8214

368/406 [==========================>...] - ETA: 0s - loss: 0.4866 - acc: 0.8261

400/406 [============================>.] - ETA: 0s - loss: 0.4811 - acc: 0.8275

406/406 [==============================] - 1s 2ms/step - loss: 0.4783 - acc: 0.8300 - val\_loss: 0.5773 - val\_acc: 0.6863

Epoch 4/100

16/406 [>.............................] - ETA: 0s - loss: 0.2449 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.3088 - acc: 0.9167

80/406 [====>.........................] - ETA: 0s - loss: 0.2785 - acc: 0.9375

112/406 [=======>......................] - ETA: 0s - loss: 0.2650 - acc: 0.9375

144/406 [=========>....................] - ETA: 0s - loss: 0.2560 - acc: 0.9375

176/406 [============>.................] - ETA: 0s - loss: 0.2525 - acc: 0.9375

208/406 [==============>...............] - ETA: 0s - loss: 0.2445 - acc: 0.9423

240/406 [================>.............] - ETA: 0s - loss: 0.2606 - acc: 0.9292

272/406 [===================>..........] - ETA: 0s - loss: 0.2718 - acc: 0.9228

304/406 [=====================>........] - ETA: 0s - loss: 0.2606 - acc: 0.9309

336/406 [=======================>......] - ETA: 0s - loss: 0.2548 - acc: 0.9315

368/406 [==========================>...] - ETA: 0s - loss: 0.2584 - acc: 0.9266

400/406 [============================>.] - ETA: 0s - loss: 0.2484 - acc: 0.9300

406/406 [==============================] - 1s 2ms/step - loss: 0.2472 - acc: 0.9310 - val\_loss: 0.6961 - val\_acc: 0.6569

Epoch 5/100

16/406 [>.............................] - ETA: 0s - loss: 0.2772 - acc: 0.8750

48/406 [==>...........................] - ETA: 0s - loss: 0.1929 - acc: 0.9167

80/406 [====>.........................] - ETA: 0s - loss: 0.1844 - acc: 0.9375

112/406 [=======>......................] - ETA: 0s - loss: 0.1723 - acc: 0.9464

144/406 [=========>....................] - ETA: 0s - loss: 0.1466 - acc: 0.9583

176/406 [============>.................] - ETA: 0s - loss: 0.1295 - acc: 0.9659

208/406 [==============>...............] - ETA: 0s - loss: 0.1177 - acc: 0.9712

240/406 [================>.............] - ETA: 0s - loss: 0.1070 - acc: 0.9750

272/406 [===================>..........] - ETA: 0s - loss: 0.1291 - acc: 0.9559

304/406 [=====================>........] - ETA: 0s - loss: 0.1334 - acc: 0.9539

336/406 [=======================>......] - ETA: 0s - loss: 0.1277 - acc: 0.9583

368/406 [==========================>...] - ETA: 0s - loss: 0.1240 - acc: 0.9592

400/406 [============================>.] - ETA: 0s - loss: 0.1246 - acc: 0.9600

406/406 [==============================] - 1s 2ms/step - loss: 0.1234 - acc: 0.9606 - val\_loss: 0.9001 - val\_acc: 0.6373

Epoch 6/100

16/406 [>.............................] - ETA: 0s - loss: 0.0279 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.0394 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0490 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0529 - acc: 0.9911

144/406 [=========>....................] - ETA: 0s - loss: 0.1084 - acc: 0.9583

176/406 [============>.................] - ETA: 0s - loss: 0.0972 - acc: 0.9659

208/406 [==============>...............] - ETA: 0s - loss: 0.0897 - acc: 0.9712

240/406 [================>.............] - ETA: 0s - loss: 0.0830 - acc: 0.9750

272/406 [===================>..........] - ETA: 0s - loss: 0.0763 - acc: 0.9779

304/406 [=====================>........] - ETA: 0s - loss: 0.0704 - acc: 0.9803

336/406 [=======================>......] - ETA: 0s - loss: 0.0664 - acc: 0.9821

368/406 [==========================>...] - ETA: 0s - loss: 0.0677 - acc: 0.9783

400/406 [============================>.] - ETA: 0s - loss: 0.0640 - acc: 0.9800

406/406 [==============================] - 1s 2ms/step - loss: 0.0634 - acc: 0.9803 - val\_loss: 0.9701 - val\_acc: 0.6765

Epoch 7/100

16/406 [>.............................] - ETA: 0s - loss: 0.0321 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.0221 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0164 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0127 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 0.0112 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 0.0103 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0146 - acc: 0.9952

240/406 [================>.............] - ETA: 0s - loss: 0.0213 - acc: 0.9958

272/406 [===================>..........] - ETA: 0s - loss: 0.0272 - acc: 0.9926

304/406 [=====================>........] - ETA: 0s - loss: 0.0254 - acc: 0.9934

336/406 [=======================>......] - ETA: 0s - loss: 0.0238 - acc: 0.9940

368/406 [==========================>...] - ETA: 0s - loss: 0.0231 - acc: 0.9946

400/406 [============================>.] - ETA: 0s - loss: 0.0217 - acc: 0.9950

406/406 [==============================] - 1s 2ms/step - loss: 0.0243 - acc: 0.9926 - val\_loss: 1.3308 - val\_acc: 0.6275

Epoch 8/100

16/406 [>.............................] - ETA: 0s - loss: 0.0035 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.0247 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0298 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0248 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 0.0219 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 0.0201 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0182 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 0.0169 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 0.0190 - acc: 0.9963

304/406 [=====================>........] - ETA: 0s - loss: 0.0171 - acc: 0.9967

336/406 [=======================>......] - ETA: 0s - loss: 0.0161 - acc: 0.9970

368/406 [==========================>...] - ETA: 0s - loss: 0.0148 - acc: 0.9973

400/406 [============================>.] - ETA: 0s - loss: 0.0138 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0136 - acc: 0.9975 - val\_loss: 1.5007 - val\_acc: 0.6471

Epoch 9/100

16/406 [>.............................] - ETA: 0s - loss: 5.3010e-04 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.0014 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0040 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0030 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 0.0025 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 0.0025 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0023 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 0.0021 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 0.0020 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 0.0018 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 0.0186 - acc: 0.9911

368/406 [==========================>...] - ETA: 0s - loss: 0.0200 - acc: 0.9918

400/406 [============================>.] - ETA: 0s - loss: 0.0187 - acc: 0.9925

406/406 [==============================] - 1s 2ms/step - loss: 0.0184 - acc: 0.9926 - val\_loss: 1.4770 - val\_acc: 0.6078

Epoch 10/100

16/406 [>.............................] - ETA: 1s - loss: 0.0104 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 0.0126 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0080 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0060 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 0.0051 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 0.0050 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0207 - acc: 0.9952

240/406 [================>.............] - ETA: 0s - loss: 0.0181 - acc: 0.9958

272/406 [===================>..........] - ETA: 0s - loss: 0.0163 - acc: 0.9963

304/406 [=====================>........] - ETA: 0s - loss: 0.0147 - acc: 0.9967

336/406 [=======================>......] - ETA: 0s - loss: 0.0134 - acc: 0.9970

368/406 [==========================>...] - ETA: 0s - loss: 0.0122 - acc: 0.9973

400/406 [============================>.] - ETA: 0s - loss: 0.0113 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0111 - acc: 0.9975 - val\_loss: 1.7637 - val\_acc: 0.6863

Epoch 11/100

16/406 [>.............................] - ETA: 0s - loss: 3.8252e-04 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.9566e-04 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 9.9160e-04 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 8.3113e-04 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 0.0019 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 0.0019 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0038 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 0.0034 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 0.0031 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 0.0029 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 0.0027 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 0.0025 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 0.0023 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 0.0023 - acc: 1.0000 - val\_loss: 1.9811 - val\_acc: 0.6275

Epoch 12/100

16/406 [>.............................] - ETA: 0s - loss: 1.5386e-04 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 7.3321e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 0.0019 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 0.0112 - acc: 0.9911

144/406 [=========>....................] - ETA: 0s - loss: 0.0094 - acc: 0.9931

176/406 [============>.................] - ETA: 0s - loss: 0.0078 - acc: 0.9943

208/406 [==============>...............] - ETA: 0s - loss: 0.0066 - acc: 0.9952

240/406 [================>.............] - ETA: 0s - loss: 0.0057 - acc: 0.9958

272/406 [===================>..........] - ETA: 0s - loss: 0.0052 - acc: 0.9963

304/406 [=====================>........] - ETA: 0s - loss: 0.0046 - acc: 0.9967

336/406 [=======================>......] - ETA: 0s - loss: 0.0042 - acc: 0.9970

368/406 [==========================>...] - ETA: 0s - loss: 0.0039 - acc: 0.9973

400/406 [============================>.] - ETA: 0s - loss: 0.0036 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0035 - acc: 0.9975 - val\_loss: 2.2100 - val\_acc: 0.6176

Epoch 13/100

16/406 [>.............................] - ETA: 1s - loss: 3.2262e-05 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 3.5750e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 3.1750e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.0358e-05 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.8985e-05 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 5.2903e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 5.7766e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 7.0381e-04 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 0.0022 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 0.0020 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 0.0018 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 0.0017 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 0.0098 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0097 - acc: 0.9975 - val\_loss: 2.1116 - val\_acc: 0.6471

Epoch 14/100

16/406 [>.............................] - ETA: 1s - loss: 6.4299e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 7.3140e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 4.6877e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.7075e-05 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 7.4148e-05 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 6.0998e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 5.2349e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1071e-04 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 9.8243e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.9989e-04 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.8369e-04 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.6875e-04 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.6550e-04 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.6308e-04 - acc: 1.0000 - val\_loss: 1.9430 - val\_acc: 0.6667

Epoch 15/100

16/406 [>.............................] - ETA: 1s - loss: 2.7398e-05 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 5.2632e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 9.3296e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 7.2442e-05 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 6.5951e-05 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 5.7190e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 4.9896e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 5.1516e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 9.7347e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.7155e-04 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.5530e-04 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.4332e-04 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 0.0030 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0029 - acc: 0.9975 - val\_loss: 1.9985 - val\_acc: 0.6373

Epoch 16/100

16/406 [>.............................] - ETA: 0s - loss: 9.1046e-04 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 6.5782e-04 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 6.3075e-04 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 5.5979e-04 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 4.5874e-04 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 3.9767e-04 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0049 - acc: 0.9952

240/406 [================>.............] - ETA: 0s - loss: 0.0043 - acc: 0.9958

272/406 [===================>..........] - ETA: 0s - loss: 0.0041 - acc: 0.9963

304/406 [=====================>........] - ETA: 0s - loss: 0.0037 - acc: 0.9967

336/406 [=======================>......] - ETA: 0s - loss: 0.0034 - acc: 0.9970

368/406 [==========================>...] - ETA: 0s - loss: 0.0032 - acc: 0.9973

400/406 [============================>.] - ETA: 0s - loss: 0.0029 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0029 - acc: 0.9975 - val\_loss: 2.3015 - val\_acc: 0.5882

Epoch 17/100

16/406 [>.............................] - ETA: 0s - loss: 1.9270e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 2.1997e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 2.2595e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.7202e-05 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.4957e-05 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.9306e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.9231e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.6372e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.8985e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 6.2746e-05 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 5.7427e-05 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 5.5273e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 5.1721e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 5.1402e-05 - acc: 1.0000 - val\_loss: 2.3812 - val\_acc: 0.5882

Epoch 18/100

16/406 [>.............................] - ETA: 0s - loss: 3.3125e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 3.5337e-06 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 3.2241e-06 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.9827e-06 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 5.6425e-06 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 6.2737e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 6.0096e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 5.3944e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 4.7694e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 4.7138e-05 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 4.2802e-05 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 4.2429e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 4.0207e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 3.9622e-05 - acc: 1.0000 - val\_loss: 2.5168 - val\_acc: 0.5980

Epoch 19/100

16/406 [>.............................] - ETA: 0s - loss: 1.1122e-04 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 3.9323e-05 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 2.5637e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 2.1604e-05 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.3453e-05 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.9305e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.6981e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.5016e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.4143e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.2776e-05 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1699e-05 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.0860e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.0106e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 9.9765e-06 - acc: 1.0000 - val\_loss: 2.6056 - val\_acc: 0.5784

Epoch 20/100

16/406 [>.............................] - ETA: 0s - loss: 1.0159e-05 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 4.2056e-06 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 2.9925e-06 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 2.4048e-06 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.1226e-06 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.4702e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1052e-04 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1749e-04 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.0510e-04 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 9.6279e-05 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 8.7869e-05 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 8.0623e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 7.5029e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 7.3930e-05 - acc: 1.0000 - val\_loss: 2.3540 - val\_acc: 0.5980

Epoch 21/100

16/406 [>.............................] - ETA: 1s - loss: 7.5994e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 5.0191e-06 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1992e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 9.7406e-06 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 7.7280e-06 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 6.9444e-06 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.9199e-04 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.5313e-04 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.2463e-04 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.0349e-04 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.8516e-04 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.6908e-04 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.5786e-04 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.5556e-04 - acc: 1.0000 - val\_loss: 2.7909 - val\_acc: 0.6275

Epoch 22/100

16/406 [>.............................] - ETA: 0s - loss: 1.2834e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 7.1067e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 6.1345e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 4.9605e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 7.6396e-06 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 6.2985e-06 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 5.3971e-06 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 4.7420e-06 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 4.2296e-06 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 3.8199e-06 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 3.4916e-06 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 3.1987e-06 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 3.0200e-06 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 2.9862e-06 - acc: 1.0000 - val\_loss: 2.7715 - val\_acc: 0.6275

Epoch 23/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.9610e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 2.3881e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 2.6268e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.5427e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 6.7234e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 5.9169e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 5.3054e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.2750e-06 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.1366e-06 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 2.0264e-06 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.8665e-06 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.8062e-06 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.7970e-06 - acc: 1.0000 - val\_loss: 2.9287 - val\_acc: 0.5882

Epoch 24/100

16/406 [>.............................] - ETA: 0s - loss: 1.9756e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 2.0470e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.7913e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.6358e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.6006e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.5594e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.5065e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.8123e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.8136e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.7536e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.7122e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 4.2342e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 4.3637e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 4.3164e-07 - acc: 1.0000 - val\_loss: 3.0711 - val\_acc: 0.6176

Epoch 25/100

16/406 [>.............................] - ETA: 0s - loss: 1.2066e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.3771e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 4.3841e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.8879e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 3.6894e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 3.2301e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.9179e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.6758e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.6280e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.4765e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 2.3592e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 2.2552e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 2.1634e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 2.1472e-07 - acc: 1.0000 - val\_loss: 3.2053 - val\_acc: 0.6176

Epoch 26/100

16/406 [>.............................] - ETA: 0s - loss: 1.0814e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1280e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 3.3022e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 2.6721e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.5459e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.4278e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.3193e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.2719e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.2058e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.1268e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 2.0356e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.9544e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.8877e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.8760e-07 - acc: 1.0000 - val\_loss: 3.4783 - val\_acc: 0.5882

Epoch 27/100

16/406 [>.............................] - ETA: 1s - loss: 1.2571e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.6368e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.4362e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.4348e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.9451e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.7978e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.6945e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.6147e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.5551e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.5087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.7478e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.6906e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.6469e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.6388e-07 - acc: 1.0000 - val\_loss: 3.9674 - val\_acc: 0.6471

Epoch 28/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1173e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.7614e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.8355e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.7757e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.7344e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.6848e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.6765e-07 - acc: 1.0000 - val\_loss: 3.7848 - val\_acc: 0.6373

Epoch 29/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1981e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1351e-05 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 8.2455e-06 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 6.4534e-06 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.7737e-05 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.3576e-05 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.1425e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.8918e-05 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.7033e-05 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.5421e-05 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.4091e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.2973e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.2783e-05 - acc: 1.0000 - val\_loss: 4.1842 - val\_acc: 0.6373

Epoch 30/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1041e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1659e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1653e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1894e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1796e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1965e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1857e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1828e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1774e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1724e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1789e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1786e-07 - acc: 1.0000 - val\_loss: 4.1778 - val\_acc: 0.6275

Epoch 31/100

16/406 [>.............................] - ETA: 0s - loss: 1.2831e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2572e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1951e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1937e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1907e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1801e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1814e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1732e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.2313e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.2209e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.2096e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.2008e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.2167e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.2159e-07 - acc: 1.0000 - val\_loss: 4.1627 - val\_acc: 0.6275

Epoch 32/100

16/406 [>.............................] - ETA: 0s - loss: 1.1275e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2140e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1684e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1529e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1376e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1311e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1276e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1419e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1415e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1373e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1381e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1365e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1423e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1430e-07 - acc: 1.0000 - val\_loss: 4.1376 - val\_acc: 0.6275

Epoch 33/100

16/406 [>.............................] - ETA: 1s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1449e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1254e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1238e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1270e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1280e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1231e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1205e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1212e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1210e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1181e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1194e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1185e-07 - acc: 1.0000 - val\_loss: 4.1316 - val\_acc: 0.6275

Epoch 34/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0880e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0984e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1029e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1027e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1004e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1110e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1271e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1264e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1248e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1244e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1240e-07 - acc: 1.0000 - val\_loss: 4.1490 - val\_acc: 0.6275

Epoch 35/100

16/406 [>.............................] - ETA: 1s - loss: 1.2036e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1496e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1330e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1293e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1192e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1172e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1130e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1156e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1118e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1146e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1178e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1179e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1176e-07 - acc: 1.0000 - val\_loss: 4.2095 - val\_acc: 0.6275

Epoch 36/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1357e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1312e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1248e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1239e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1205e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1205e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1204e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1198e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1204e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1193e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1198e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1195e-07 - acc: 1.0000 - val\_loss: 4.0973 - val\_acc: 0.6275

Epoch 37/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1668e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1484e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1389e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 0.0495 - acc: 0.9952

240/406 [================>.............] - ETA: 0s - loss: 0.0448 - acc: 0.9958

272/406 [===================>..........] - ETA: 0s - loss: 0.0395 - acc: 0.9963

304/406 [=====================>........] - ETA: 0s - loss: 0.0353 - acc: 0.9967

336/406 [=======================>......] - ETA: 0s - loss: 0.0320 - acc: 0.9970

368/406 [==========================>...] - ETA: 0s - loss: 0.0292 - acc: 0.9973

400/406 [============================>.] - ETA: 0s - loss: 0.0269 - acc: 0.9975

406/406 [==============================] - 1s 2ms/step - loss: 0.0265 - acc: 0.9975 - val\_loss: 3.4676 - val\_acc: 0.5784

Epoch 38/100

16/406 [>.............................] - ETA: 0s - loss: 1.3460e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 5.2789e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 3.7280e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.4639e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 7.6846e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.3873e-06 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 9.1979e-06 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.0122e-05 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 8.9467e-06 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 8.0234e-06 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 7.2969e-06 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.7646e-05 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.6316e-05 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.6076e-05 - acc: 1.0000 - val\_loss: 3.3161 - val\_acc: 0.6176

Epoch 39/100

16/406 [>.............................] - ETA: 0s - loss: 1.0863e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1414e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.5292e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.4229e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 2.4153e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.3198e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.1419e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.4241e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.3080e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.2420e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 3.0282e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 2.9417e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 2.8223e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 2.7972e-07 - acc: 1.0000 - val\_loss: 3.3388 - val\_acc: 0.6176

Epoch 40/100

16/406 [>.............................] - ETA: 1s - loss: 5.2676e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 2.8065e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 2.2549e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 2.0048e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.9361e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.8927e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.8508e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.3267e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.1979e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.1184e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 3.3378e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 3.1684e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 3.0041e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 2.9759e-07 - acc: 1.0000 - val\_loss: 3.3270 - val\_acc: 0.6176

Epoch 41/100

16/406 [>.............................] - ETA: 0s - loss: 1.2804e-06 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 5.7135e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 3.9583e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 3.7457e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 3.1788e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.8161e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.6284e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.4300e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.2788e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 2.3423e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 2.6267e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 2.5088e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 2.4554e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 2.4358e-07 - acc: 1.0000 - val\_loss: 3.2958 - val\_acc: 0.6275

Epoch 42/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 2.2355e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.7821e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.9159e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.7517e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 2.4180e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.2349e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 2.1383e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 2.0356e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.9642e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.9402e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.9444e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.9195e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.9075e-07 - acc: 1.0000 - val\_loss: 3.3285 - val\_acc: 0.6373

Epoch 43/100

16/406 [>.............................] - ETA: 0s - loss: 1.3377e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2608e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.2555e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.2529e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.4752e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.4179e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 2.0333e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.9906e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.9130e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.9148e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.8378e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.7795e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.7322e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.7238e-07 - acc: 1.0000 - val\_loss: 3.3482 - val\_acc: 0.6471

Epoch 44/100

16/406 [>.............................] - ETA: 0s - loss: 1.2007e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.4641e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.3193e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.2589e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.2214e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.2062e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.2735e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.2886e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.2769e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.2687e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.3125e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.3004e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.2950e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.2915e-07 - acc: 1.0000 - val\_loss: 3.4019 - val\_acc: 0.6275

Epoch 45/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2039e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1680e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1560e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1500e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1413e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1406e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1414e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1396e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1363e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1704e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1660e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1643e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1637e-07 - acc: 1.0000 - val\_loss: 3.4689 - val\_acc: 0.6275

Epoch 46/100

16/406 [>.............................] - ETA: 0s - loss: 1.4439e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2128e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.3536e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.3390e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.3080e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.2776e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.2515e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.2356e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.2199e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.2068e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1963e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1898e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1842e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1838e-07 - acc: 1.0000 - val\_loss: 3.5448 - val\_acc: 0.6373

Epoch 47/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1393e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1692e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1689e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1578e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1483e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1512e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1494e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1482e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1450e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1515e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1466e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1458e-07 - acc: 1.0000 - val\_loss: 3.6505 - val\_acc: 0.6275

Epoch 48/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1365e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1283e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1216e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1181e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1202e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1194e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1170e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1150e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1175e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1371e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1360e-07 - acc: 1.0000 - val\_loss: 3.6278 - val\_acc: 0.6471

Epoch 49/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1084e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1070e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1092e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1130e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1146e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1126e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1257e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1262e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1267e-07 - acc: 1.0000 - val\_loss: 3.7008 - val\_acc: 0.6471

Epoch 50/100

16/406 [>.............................] - ETA: 0s - loss: 1.0720e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1033e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1063e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1027e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1059e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1188e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1159e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1163e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1179e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1180e-07 - acc: 1.0000 - val\_loss: 3.8630 - val\_acc: 0.6471

Epoch 51/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1281e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1249e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1183e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1214e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1146e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1164e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1116e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1125e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8630 - val\_acc: 0.6471

Epoch 52/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1000e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1046e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1054e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1059e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1071e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1073e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1086e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8630 - val\_acc: 0.6471

Epoch 53/100

16/406 [>.............................] - ETA: 0s - loss: 1.1837e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1701e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1453e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1329e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1314e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1304e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1224e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1189e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1162e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1160e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1163e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1174e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1176e-07 - acc: 1.0000 - val\_loss: 3.9261 - val\_acc: 0.6373

Epoch 54/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1273e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1183e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1164e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1143e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9261 - val\_acc: 0.6373

Epoch 55/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1273e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1227e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1211e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1191e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1097e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1116e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1103e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9261 - val\_acc: 0.6373

Epoch 56/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1045e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1047e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1097e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1141e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1135e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1141e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1131e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1124e-07 - acc: 1.0000 - val\_loss: 3.8906 - val\_acc: 0.6275

Epoch 57/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1063e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1094e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1090e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1103e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1096e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8906 - val\_acc: 0.6275

Epoch 58/100

16/406 [>.............................] - ETA: 0s - loss: 1.1561e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1134e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1099e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1172e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1196e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1185e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1160e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1135e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1137e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 59/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1225e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1099e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1125e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1126e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 60/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1149e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1173e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1194e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1188e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1178e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1143e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 61/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1054e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1037e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1071e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1089e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1118e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1126e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 62/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1000e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1033e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1090e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1088e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 63/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1070e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1090e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1088e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1099e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1103e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 64/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1281e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1183e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1187e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1179e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1136e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 65/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1094e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1089e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 66/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1136e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1130e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1131e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1148e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 67/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1222e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1169e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1165e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1156e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1143e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1133e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.8965 - val\_acc: 0.6373

Epoch 68/100

16/406 [>.............................] - ETA: 0s - loss: 1.1441e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1149e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1092e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1099e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1111e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1139e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1248e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1244e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1240e-07 - acc: 1.0000 - val\_loss: 4.0124 - val\_acc: 0.6078

Epoch 69/100

16/406 [>.............................] - ETA: 1s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1041e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1090e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1089e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1106e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1143e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0124 - val\_acc: 0.6078

Epoch 70/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1008e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1048e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1062e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1097e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0124 - val\_acc: 0.6078

Epoch 71/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1000e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1008e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1014e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1026e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1071e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1065e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1066e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1074e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1092e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0124 - val\_acc: 0.6078

Epoch 72/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.2316e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1870e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1662e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1546e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1472e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1449e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1424e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1369e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1326e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1314e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1304e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1277e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1277e-07 - acc: 1.0000 - val\_loss: 4.0006 - val\_acc: 0.6373

Epoch 73/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1108e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1130e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1156e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1128e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0006 - val\_acc: 0.6373

Epoch 74/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1273e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1269e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1179e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1101e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0006 - val\_acc: 0.6373

Epoch 75/100

16/406 [>.............................] - ETA: 1s - loss: 1.1441e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1214e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1116e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1131e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0006 - val\_acc: 0.6373

Epoch 76/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0880e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1008e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1134e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1190e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1127e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1156e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0659 - val\_acc: 0.6569

Epoch 77/100

16/406 [>.............................] - ETA: 0s - loss: 1.0720e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1000e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1046e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1037e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1007e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1065e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1125e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9951 - val\_acc: 0.6471

Epoch 78/100

16/406 [>.............................] - ETA: 1s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0920e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0984e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.0995e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1027e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1026e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1025e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1049e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1073e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1260e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1275e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1264e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1265e-07 - acc: 1.0000 - val\_loss: 4.0216 - val\_acc: 0.6373

Epoch 79/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1777e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1499e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1465e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1339e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1303e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1188e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1203e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1178e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1169e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1182e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1183e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1180e-07 - acc: 1.0000 - val\_loss: 3.9890 - val\_acc: 0.6471

Epoch 80/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1149e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1135e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1154e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1133e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9890 - val\_acc: 0.6471

Epoch 81/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1154e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1156e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1133e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9890 - val\_acc: 0.6471

Epoch 82/100

16/406 [>.............................] - ETA: 1s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1146e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1127e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1097e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1101e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9890 - val\_acc: 0.6471

Epoch 83/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1179e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1164e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1165e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1144e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1143e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 3.9890 - val\_acc: 0.6471

Epoch 84/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1012e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1077e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1120e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1084e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1094e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1122e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1124e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 85/100

16/406 [>.............................] - ETA: 1s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1041e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1048e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1016e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1024e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1073e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 86/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1033e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1046e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1127e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1125e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 87/100

16/406 [>.............................] - ETA: 1s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1225e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1108e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1088e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1086e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1086e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 88/100

16/406 [>.............................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1041e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1033e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1174e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1154e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1158e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1163e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1138e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 89/100

16/406 [>.............................] - ETA: 0s - loss: 1.0600e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0984e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1046e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1070e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1044e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1045e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1049e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1101e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 90/100

16/406 [>.............................] - ETA: 0s - loss: 1.1441e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1107e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1136e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1123e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1092e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1075e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 91/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1029e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1071e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1057e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1073e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1069e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1096e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 92/100

16/406 [>.............................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1225e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1147e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1168e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1145e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1172e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 93/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0800e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.0978e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1027e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1048e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1071e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1065e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1106e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1126e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 94/100

16/406 [>.............................] - ETA: 1s - loss: 1.0720e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1008e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.0995e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.0974e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.0971e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1007e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1024e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1045e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1087e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1086e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1114e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 95/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1281e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1177e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1166e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1134e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1157e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1109e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1096e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 96/100

16/406 [>.............................] - ETA: 0s - loss: 1.1441e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1241e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1098e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1070e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1105e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1093e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1086e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1124e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 97/100

16/406 [>.............................] - ETA: 0s - loss: 1.1321e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1153e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1067e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1135e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1090e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1113e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1095e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1121e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1101e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1129e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 98/100

16/406 [>.............................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1201e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1249e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1252e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1227e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1190e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1219e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1169e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1137e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1150e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1132e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1117e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 99/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.1161e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1054e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1059e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1062e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1073e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1081e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1112e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1128e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

Epoch 100/100

16/406 [>.............................] - ETA: 0s - loss: 1.0840e-07 - acc: 1.0000

48/406 [==>...........................] - ETA: 0s - loss: 1.0960e-07 - acc: 1.0000

80/406 [====>.........................] - ETA: 0s - loss: 1.1008e-07 - acc: 1.0000

112/406 [=======>......................] - ETA: 0s - loss: 1.1046e-07 - acc: 1.0000

144/406 [=========>....................] - ETA: 0s - loss: 1.1000e-07 - acc: 1.0000

176/406 [============>.................] - ETA: 0s - loss: 1.1059e-07 - acc: 1.0000

208/406 [==============>...............] - ETA: 0s - loss: 1.1062e-07 - acc: 1.0000

240/406 [================>.............] - ETA: 0s - loss: 1.1089e-07 - acc: 1.0000

272/406 [===================>..........] - ETA: 0s - loss: 1.1102e-07 - acc: 1.0000

304/406 [=====================>........] - ETA: 0s - loss: 1.1106e-07 - acc: 1.0000

336/406 [=======================>......] - ETA: 0s - loss: 1.1115e-07 - acc: 1.0000

368/406 [==========================>...] - ETA: 0s - loss: 1.1101e-07 - acc: 1.0000

400/406 [============================>.] - ETA: 0s - loss: 1.1119e-07 - acc: 1.0000

406/406 [==============================] - 1s 2ms/step - loss: 1.1121e-07 - acc: 1.0000 - val\_loss: 4.0039 - val\_acc: 0.6471

32/170 [====>.........................] - ETA: 0s

170/170 [==============================] - 0s 184us/step

Test set

Loss: 3.982

Accuracy: 0.659

['The best turkish film I ever watched ...']. Predict Score: 0.9990023

[[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 3 4 5 6 7]]

[[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 3 4 5 6 7]]. Predict Score: 0.9990023

[0.9990023]