Using TensorFlow backend.

Epoch 1/100

1198/1198 [==============================] - 32s 26ms/step - loss: 0.0544

Epoch 2/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0062

Epoch 3/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0062

Epoch 4/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0058

Epoch 5/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0047

Epoch 6/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0047

Epoch 7/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0044

Epoch 8/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0046

Epoch 9/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0042

Epoch 10/100

1198/1198 [==============================] - 17s 15ms/step - loss: 0.0041

Epoch 11/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0041

Epoch 12/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0039

Epoch 13/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0039

Epoch 14/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0036

Epoch 15/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0040

Epoch 16/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0039

Epoch 17/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0033

Epoch 18/100

1198/1198 [==============================] - 18s 15ms/step - loss: 0.0040

Epoch 19/100

1198/1198 [==============================] - 17s 15ms/step - loss: 0.0035

Epoch 20/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0035

Epoch 21/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0034

Epoch 22/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0036

Epoch 23/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0032

Epoch 24/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0033

Epoch 25/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0032

Epoch 26/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0031

Epoch 27/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0030

Epoch 28/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0031

Epoch 29/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0031

Epoch 30/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0034

Epoch 31/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0029

Epoch 32/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0028

Epoch 33/100

1198/1198 [==============================] - 18s 15ms/step - loss: 0.0028

Epoch 34/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0027

Epoch 35/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0026

Epoch 36/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0026

Epoch 37/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0027

Epoch 38/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0024

Epoch 39/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0030

Epoch 40/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0026

Epoch 41/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0025

Epoch 42/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0025

Epoch 43/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0024

Epoch 44/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0027

Epoch 45/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0024

Epoch 46/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0023

Epoch 47/100

1198/1198 [==============================] - 18s 15ms/step - loss: 0.0023

Epoch 48/100

1198/1198 [==============================] - 22s 19ms/step - loss: 0.0024

Epoch 49/100

1198/1198 [==============================] - 21s 17ms/step - loss: 0.0027

Epoch 50/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0023

Epoch 51/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0027

Epoch 52/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0022

Epoch 53/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0023

Epoch 54/100

1198/1198 [==============================] - 21s 17ms/step - loss: 0.0022

Epoch 55/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0022

Epoch 56/100

1198/1198 [==============================] - 18s 15ms/step - loss: 0.0021

Epoch 57/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0020

Epoch 58/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0026

Epoch 59/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0023

Epoch 60/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0019

Epoch 61/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0021

Epoch 62/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0020

Epoch 63/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0020

Epoch 64/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0020

Epoch 65/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0022

Epoch 66/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0021

Epoch 67/100

1198/1198 [==============================] - 25s 21ms/step - loss: 0.0018

Epoch 68/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0020

Epoch 69/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0019

Epoch 70/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0017

Epoch 71/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0017

Epoch 72/100

1198/1198 [==============================] - 21s 17ms/step - loss: 0.0020

Epoch 73/100

1198/1198 [==============================] - 24s 20ms/step - loss: 0.0017

Epoch 74/100

1198/1198 [==============================] - 22s 18ms/step - loss: 0.0018

Epoch 75/100

1198/1198 [==============================] - 23s 19ms/step - loss: 0.0018

Epoch 76/100

1198/1198 [==============================] - 20s 16ms/step - loss: 0.0016

Epoch 77/100

1198/1198 [==============================] - 21s 17ms/step - loss: 0.0016

Epoch 78/100

1198/1198 [==============================] - 21s 18ms/step - loss: 0.0018

Epoch 79/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0017

Epoch 80/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0016

Epoch 81/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0016

Epoch 82/100

1198/1198 [==============================] - 23s 19ms/step - loss: 0.0017

Epoch 83/100

1198/1198 [==============================] - 20s 17ms/step - loss: 0.0017

Epoch 84/100

1198/1198 [==============================] - 21s 17ms/step - loss: 0.0016

Epoch 85/100

1198/1198 [==============================] - 17s 15ms/step - loss: 0.0015

Epoch 86/100

1198/1198 [==============================] - 17s 15ms/step - loss: 0.0015

Epoch 87/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0017

Epoch 88/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0017

Epoch 89/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 90/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 91/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 92/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0016

Epoch 93/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0016

Epoch 94/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0018

Epoch 95/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 96/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 97/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0015

Epoch 98/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0014

Epoch 99/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0014

Epoch 100/100

1198/1198 [==============================] - 17s 14ms/step - loss: 0.0014



