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Layer (type) Output Shape Param #

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

input\_1 (InputLayer) (None, 50, 50, 1) 0

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conv2d\_1 (Conv2D) (None, 50, 50, 16) 160

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max\_pooling2d\_1 (MaxPooling2 (None, 25, 25, 16) 0

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conv2d\_2 (Conv2D) (None, 25, 25, 8) 1160

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max\_pooling2d\_2 (MaxPooling2 (None, 13, 13, 8) 0

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conv2d\_3 (Conv2D) (None, 13, 13, 8) 584

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max\_pooling2d\_3 (MaxPooling2 (None, 7, 7, 8) 0

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conv2d\_4 (Conv2D) (None, 7, 7, 8) 584

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up\_sampling2d\_1 (UpSampling2 (None, 14, 14, 8) 0

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conv2d\_5 (Conv2D) (None, 14, 14, 8) 584

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up\_sampling2d\_2 (UpSampling2 (None, 28, 28, 8) 0

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conv2d\_6 (Conv2D) (None, 26, 26, 16) 1168

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up\_sampling2d\_3 (UpSampling2 (None, 52, 52, 16) 0

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conv2d\_7 (Conv2D) (None, 50, 50, 1) 145

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

Total params: 4,385

Trainable params: 4,385

Non-trainable params: 0

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None

35840/35840 [==============================] - 192s 5ms/step - loss: 0.0038 - val\_loss: 0.0038

Epoch 77/100

35840/35840 [==============================] - 193s 5ms/step - loss: 0.0037 - val\_loss: 0.0038

Epoch 78/100

35840/35840 [==============================] - 193s 5ms/step - loss: 0.0037 - val\_loss: 0.0037

Epoch 79/100

35840/35840 [==============================] - 192s 5ms/step - loss: 0.0037 - val\_loss: 0.0037

Epoch 80/100

35840/35840 [==============================] - 191s 5ms/step - loss: 0.0037 - val\_loss: 0.0038

Epoch 81/100

35840/35840 [==============================] - 193s 5ms/step - loss: 0.0037 - val\_loss: 0.0037

Epoch 82/100

35840/35840 [==============================] - 193s 5ms/step - loss: 0.0037 - val\_loss: 0.0037

Epoch 83/100

35840/35840 [==============================] - 198s 6ms/step - loss: 0.0037 - val\_loss: 0.0037

Epoch 84/100

35840/35840 [==============================] - 196s 5ms/step - loss: 0.0037 - val\_loss: 0.0038

Epoch 85/100

35840/35840 [==============================] - 192s 5ms/step - loss: 0.0036 - val\_loss: 0.0037

Epoch 86/100

35840/35840 [==============================] - 198s 6ms/step - loss: 0.0036 - val\_loss: 0.0037

Epoch 87/100

35840/35840 [==============================] - 197s 5ms/step - loss: 0.0036 - val\_loss: 0.0038

Epoch 88/100

35840/35840 [==============================] - 195s 5ms/step - loss: 0.0036 - val\_loss: 0.0038

Epoch 89/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0036 - val\_loss: 0.0037

Epoch 90/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0036 - val\_loss: 0.0037

Epoch 91/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0036 - val\_loss: 0.0037

Epoch 92/100

35840/35840 [==============================] - 192s 5ms/step - loss: 0.0036 - val\_loss: 0.0039

Epoch 93/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0036 - val\_loss: 0.0036

Epoch 94/100

35840/35840 [==============================] - 195s 5ms/step - loss: 0.0036 - val\_loss: 0.0036

Epoch 95/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0036 - val\_loss: 0.0036

Epoch 96/100

35840/35840 [==============================] - 195s 5ms/step - loss: 0.0036 - val\_loss: 0.0036

Epoch 97/100

35840/35840 [==============================] - 193s 5ms/step - loss: 0.0035 - val\_loss: 0.0036

Epoch 98/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0035 - val\_loss: 0.0036

Epoch 99/100

35840/35840 [==============================] - 195s 5ms/step - loss: 0.0035 - val\_loss: 0.0035

Epoch 100/100

35840/35840 [==============================] - 194s 5ms/step - loss: 0.0035 - val\_loss: 0.0035

Saved model to disk