

Download data from <https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz>  
170498071/170498071 2s 0us/step

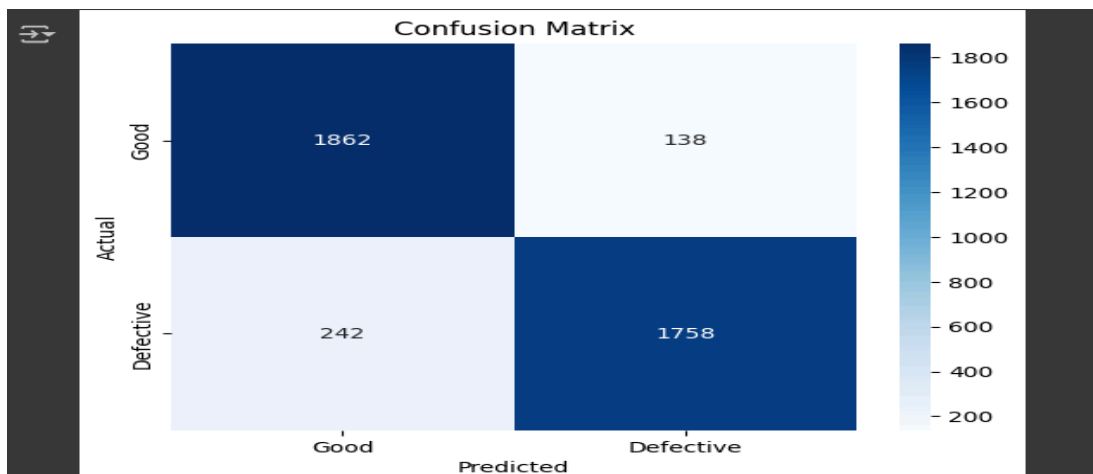
Training samples: 20000, Test samples: 4000

Epoch 1/5  
625/625 39s 55ms/step - accuracy: 0.7846 - loss: 0.4528 - val\_accuracy: 0.8857 - val\_loss: 0.2829  
Epoch 2/5  
625/625 36s 48ms/step - accuracy: 0.8863 - loss: 0.2765 - val\_accuracy: 0.8970 - val\_loss: 0.2464  
Epoch 3/5  
625/625 42s 50ms/step - accuracy: 0.8979 - loss: 0.2480 - val\_accuracy: 0.8955 - val\_loss: 0.2504  
Epoch 4/5  
625/625 30s 47ms/step - accuracy: 0.9076 - loss: 0.2252 - val\_accuracy: 0.9082 - val\_loss: 0.2215  
Epoch 5/5  
625/625 30s 48ms/step - accuracy: 0.9129 - loss: 0.2093 - val\_accuracy: 0.9050 - val\_loss: 0.2297

125/125 - 2s - 12ms/step - accuracy: 0.9050 - loss: 0.2297

Test accuracy: 0.90

	precision	recall	f1-score	support
Good	0.88	0.93	0.91	2000
Defective	0.93	0.88	0.90	2000
accuracy			0.91	4000
macro avg	0.91	0.91	0.90	4000
weighted avg	0.91	0.91	0.90	4000



Sample Predictions

