



Name – Prajakta Patil

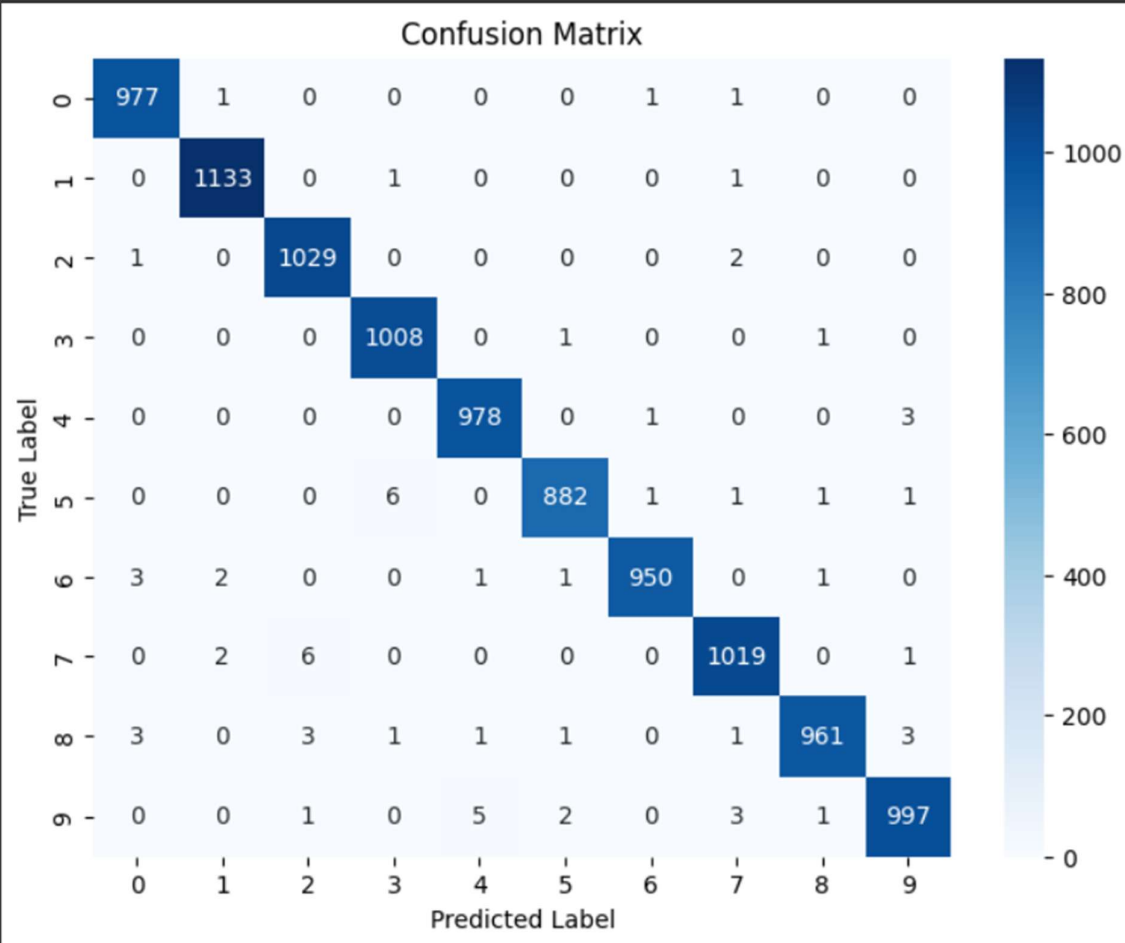
E22CSEU0912

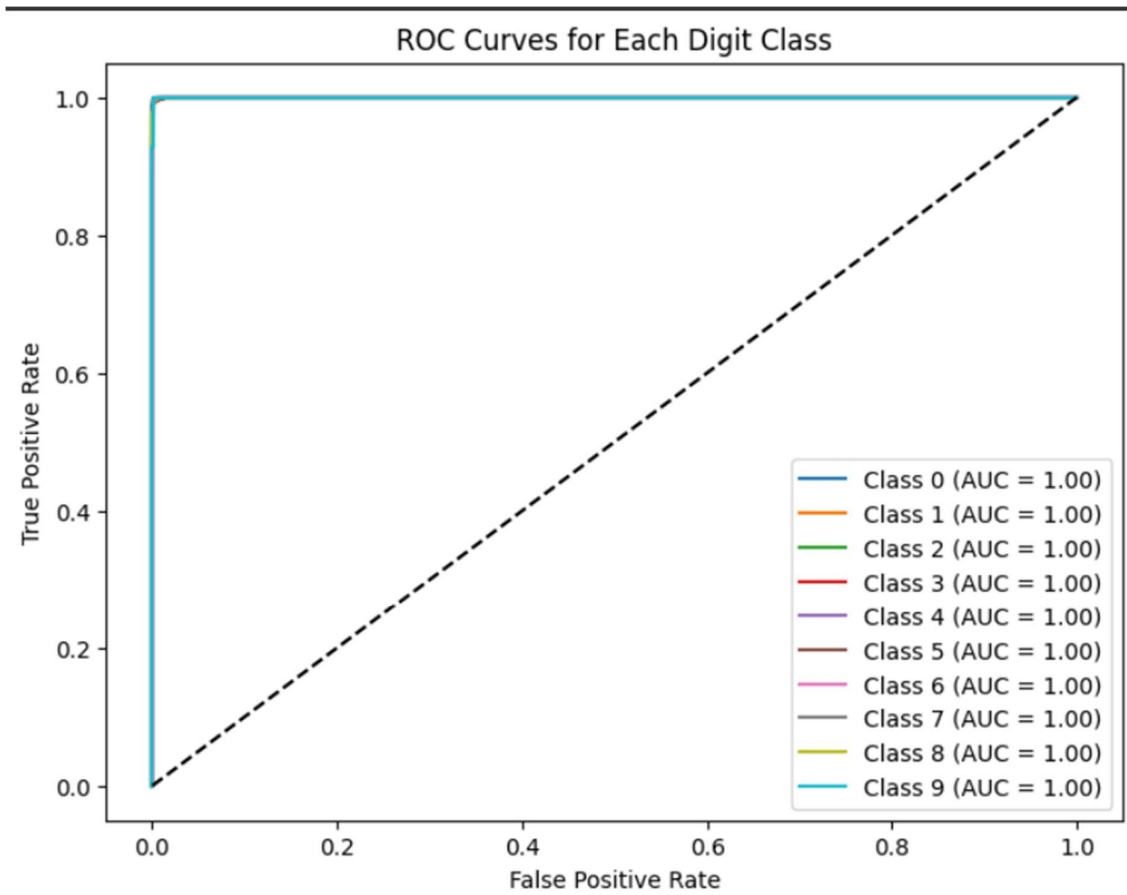
Lab -5

Original Image Size: 79.87 KB	Compressed Image Size: 27.43 KB
	
<p>Original Size: 81790 bytes Compressed Size: 28092 bytes Compression Ratio: 291.15%</p>	

Original Image Size: 106.42 KB Compressed Image Size: 106.47 KB Compression Ratio: 1.00	
Original Image	Reconstructed Image (Lossless)
	

313/313 — 3s 8ms/step
Accuracy: 0.9936
Precision: 0.9936
Recall: 0.9936
F1 Score: 0.9936





Model: "sequential_1"

Layer (type)	Output Shape	Param #
conv2d_3 (Conv2D)	(None, 32, 32, 32)	896
batch_normalization (BatchNormalization)	(None, 32, 32, 32)	128
max_pooling2d_2 (MaxPooling2D)	(None, 16, 16, 32)	0
conv2d_4 (Conv2D)	(None, 16, 16, 64)	18,496
batch_normalization_1 (BatchNormalization)	(None, 16, 16, 64)	256
max_pooling2d_3 (MaxPooling2D)	(None, 8, 8, 64)	0
conv2d_5 (Conv2D)	(None, 8, 8, 128)	73,856
batch_normalization_2 (BatchNormalization)	(None, 8, 8, 128)	512
max_pooling2d_4 (MaxPooling2D)	(None, 4, 4, 128)	0
flatten_1 (Flatten)	(None, 2048)	0
dense_2 (Dense)	(None, 256)	524,544
dropout_1 (Dropout)	(None, 256)	0
dense_3 (Dense)	(None, 128)	32,896
dropout_2 (Dropout)	(None, 128)	0
dense_4 (Dense)	(None, 10)	1,290

313/313 ————— 10s 30ms/step

Accuracy: 0.7516

Precision: 0.7639

Recall: 0.7516

F1 Score: 0.7524

