

```

----- Evaluation on Test Data -----
      precision    recall  f1-score   support

0         0.99      0.98      0.99       980
1         0.98      0.99      0.99      1135
2         0.96      0.98      0.97      1032
3         0.94      0.98      0.96      1010
4         0.98      0.97      0.97       982
5         0.97      0.97      0.97       892
6         0.97      0.99      0.98       958
7         0.96      0.97      0.97      1028
8         0.99      0.93      0.96       974
9         0.97      0.94      0.96      1009

 accuracy
macro avg      0.97      0.97      0.97      10000
weighted avg    0.97      0.97      0.97      10000

```

```

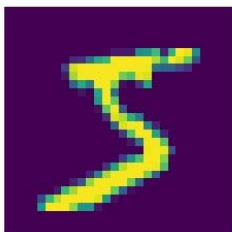
----- Evaluation on Training Data -----
      precision    recall  f1-score   support

0         1.00      0.98      0.99     5923
1         0.99      0.99      0.99     6742
2         0.97      0.99      0.98     5958
3         0.97      0.98      0.98     6131
4         0.99      0.98      0.99     5842
5         0.98      0.98      0.98     5421
6         0.99      0.99      0.99     5918
7         0.98      0.99      0.98     6265
8         0.99      0.96      0.98     5851
9         0.98      0.97      0.97     5949

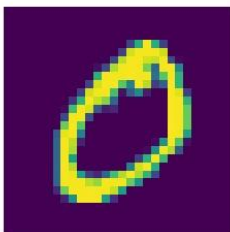
 accuracy
macro avg      0.98      0.98      0.98     60000
weighted avg    0.98      0.98      0.98     60000

```

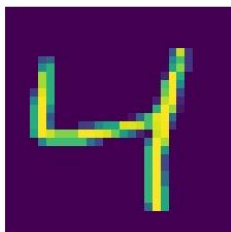
Label: 5



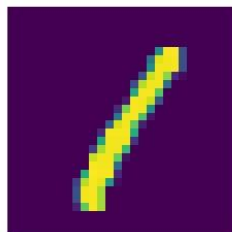
Label: 0



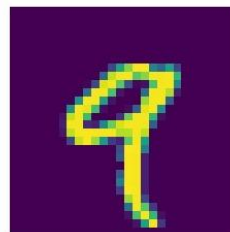
Label: 4



Label: 1



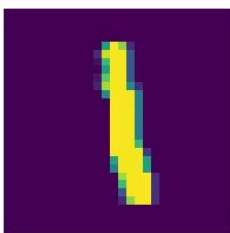
Label: 9



Label: 2



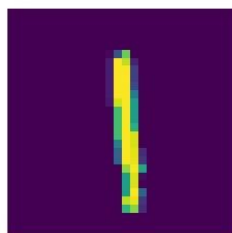
Label: 1



Label: 3



Label: 1



Label: 4

