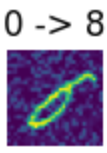
```
+----------+---------+---------------------+---------------------+
| Metric   | Clean   | No Defense Attack   | w/ Defense Attack   |
+==========+=========+=====================+=====================+
| Loss     | 0.0182  | 0.1                 | 0.0516              |
+----------+---------+---------------------+---------------------+
| Accuracy | 98%     | 98%                 | 98%                 |
+----------+---------+---------------------+---------------------+

Example Misclassifications:

------------------------------------------------------------
Number of misclassified images for Clean: 1
Attack: pgd_bim_attack
Dataset: MNIST
Training Epochs: 10
Trained Clean Images: 64
Test Images: 140
Accuracy: 0.98
Precision: 0.99
Recall: 0.99
F1-score: 0.99
ROC AUC Score: 1.00
------------------------------------------------------------

Misclassifications:
0 -> 8: 1
```


```
------------------------------------------------------------
Number of misclassified images for No Defense Attack: 1
Attack: pgd_bim_attack
Dataset: MNIST
Training Epochs: 10
Adversarial Training Images: 60
Test Images: 140
Accuracy: 0.98
Precision: 0.99
Recall: 0.99
F1-score: 0.99
ROC AUC Score: 1.00
------------------------------------------------------------

Misclassifications:
0 -> 8: 1
```




```
------------------------------------------------------------
Number of misclassified images for w/ Defense Attack: 1
Attack: pgd_bim_attack
Dataset: MNIST
```

```
Training Epochs: 10
Retrained Clean and Adversarial Images: 124
Test Images: 140
Accuracy: 0.98
Precision: 0.99
Recall: 0.99
F1-score: 0.99
ROC AUC Score: 1.00
----------------------------------------------------------

Misclassifications:
0 -> 1: 1
```

0 -> 1