```
+----------+---------+---------------------+---------------------+
| Metric   | Clean   | No Defense Attack   | w/ Defense Attack   |
+==========+=========+=====================+=====================+
| Loss     | 0.00649 | 3.52                | 0.00649             |
+----------+---------+---------------------+---------------------+
| Accuracy | 100%    | 27%                 | 100%                |
+----------+---------+---------------------+---------------------+

Example Misclassifications:

------------------------------------------------------------
No misclassified images for stage: Clean
Attack: fgsm_cw_attack
Dataset: EMNIST
Training Epochs: 10
Trained Clean Images: 64
Test Images: 625
Accuracy: 1.00
Precision: 1.00
Recall: 1.00
F1-score: 1.00
ROC AUC score is not defined for a single class.
------------------------------------------------------------


------------------------------------------------------------
Number of misclassified images for No Defense Attack: 47
Attack: fgsm_cw_attack
Dataset: EMNIST
Training Epochs: 10
Adversarial Training Images: 60
Test Images: 625
Accuracy: 0.27
Precision: 0.78
Recall: 0.29
F1-score: 0.42
ROC AUC Score: 1.00
------------------------------------------------------------

Misclassifications:
0 -> 2: 18
0 -> 6: 3
0 -> 3: 7
0 -> 8: 11
0 -> 5: 2
0 -> 4: 2
0 -> 9: 4
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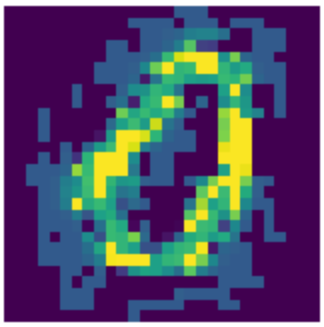
0 -> 2



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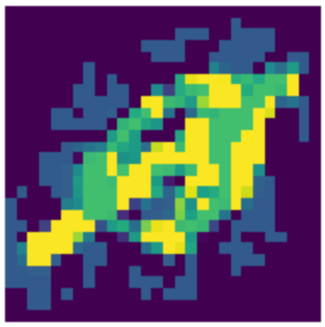

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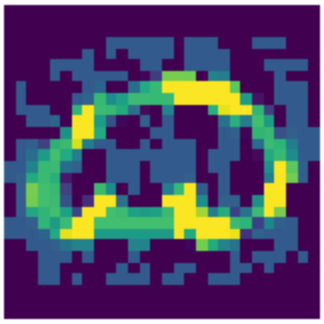

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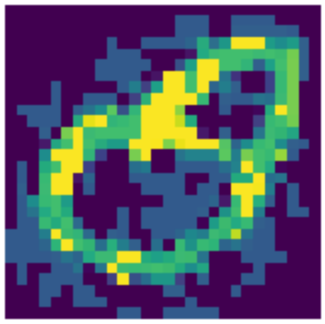

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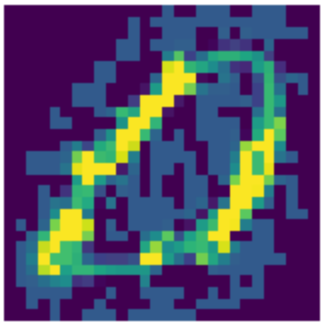

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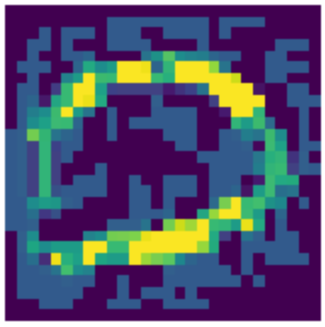

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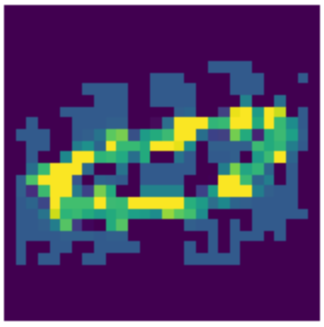

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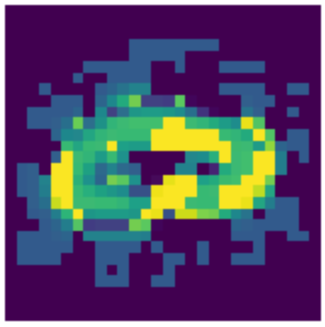

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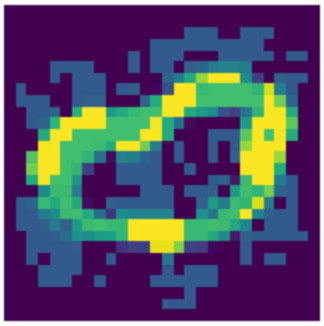

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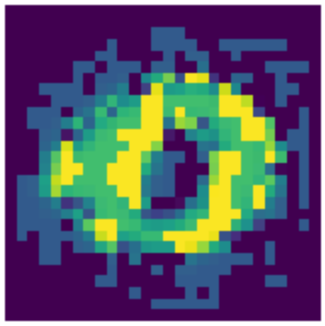

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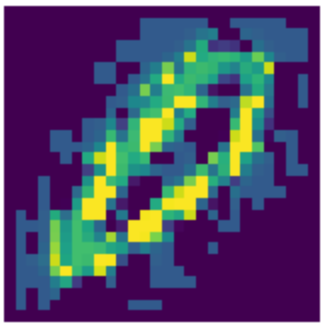

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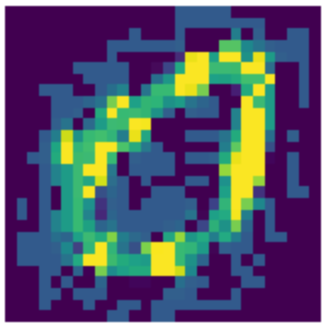

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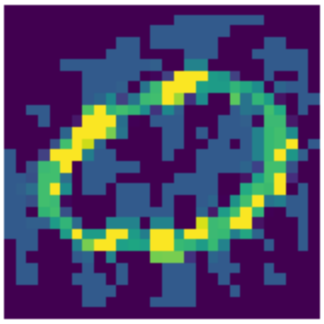

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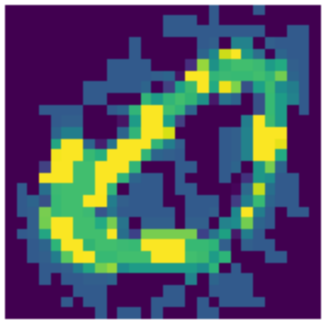

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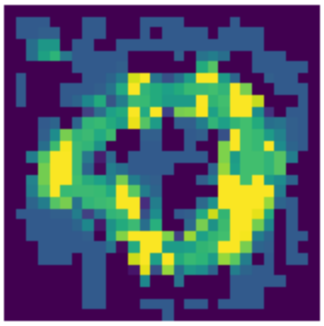

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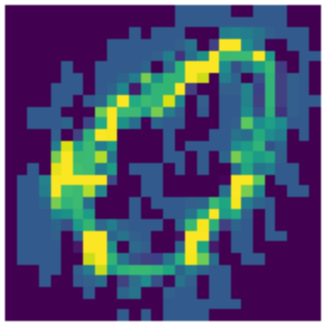

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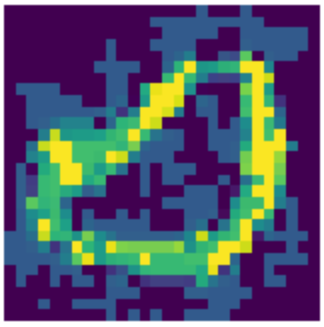

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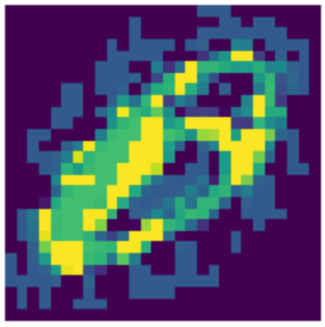

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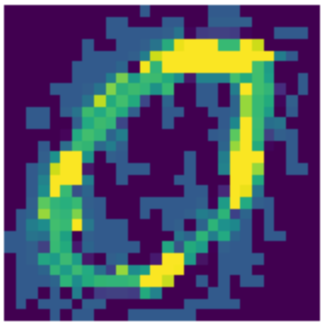

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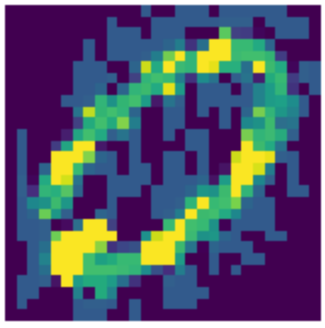

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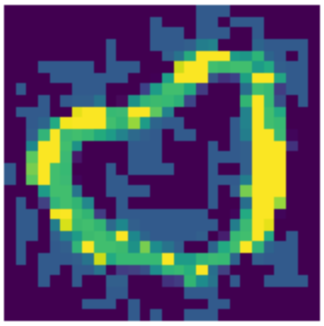

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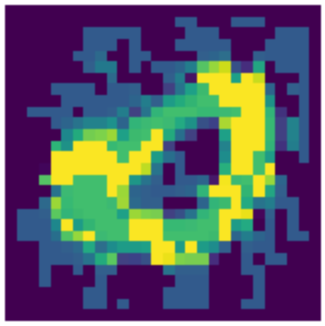

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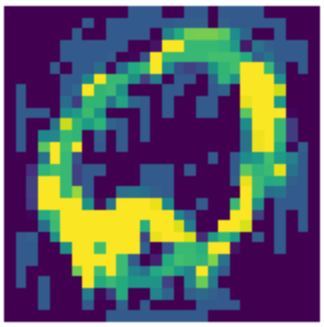

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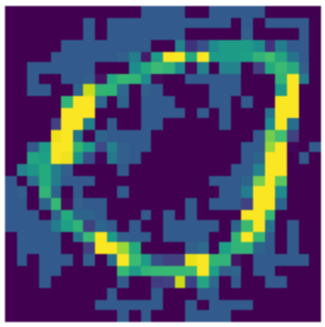

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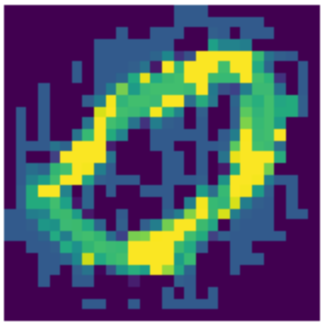

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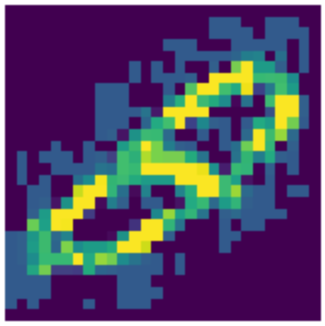

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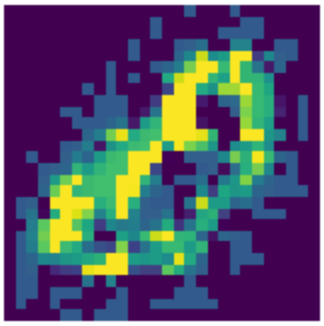

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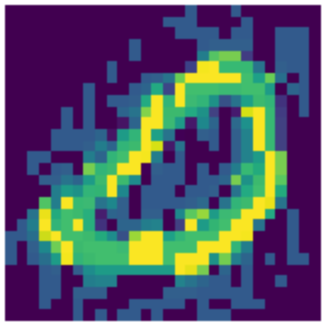

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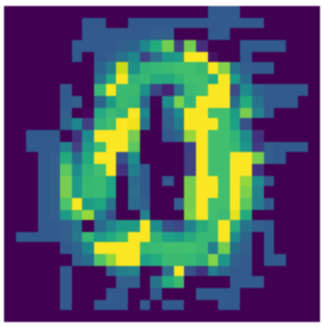

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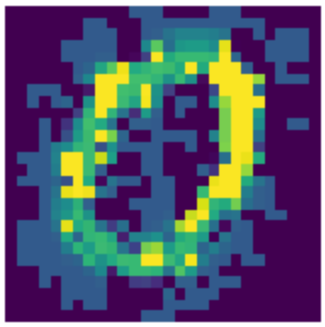

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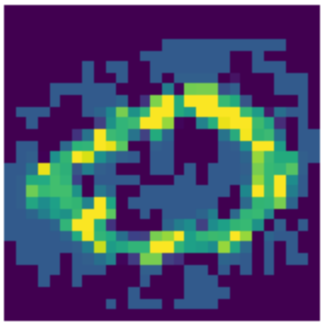

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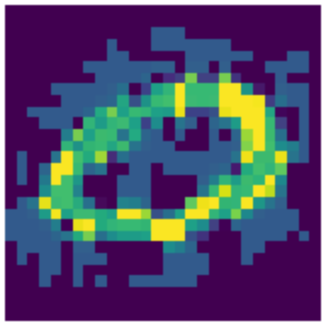

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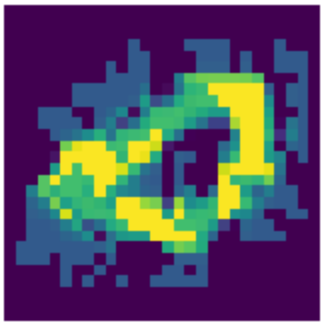

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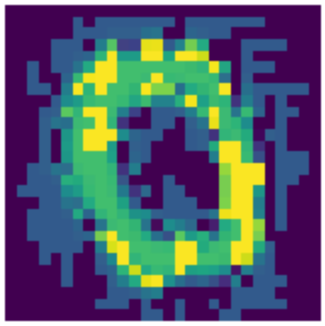

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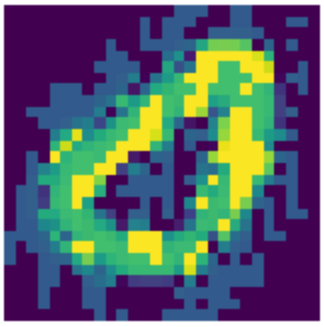

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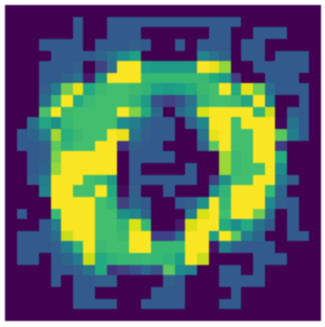

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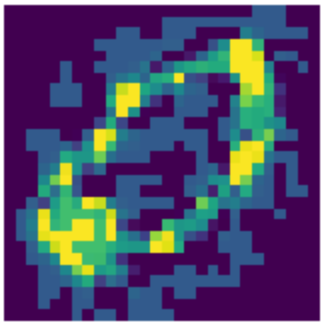

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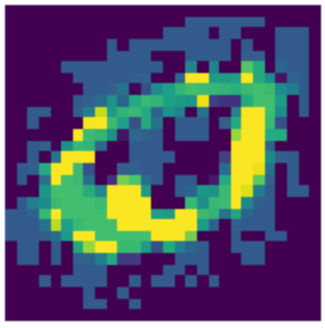

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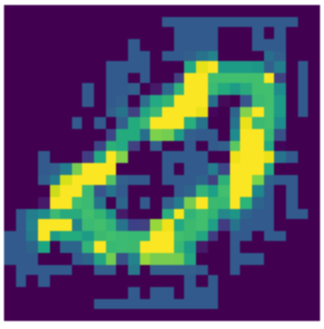

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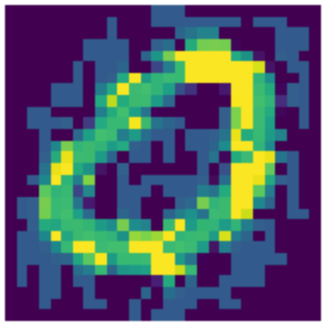

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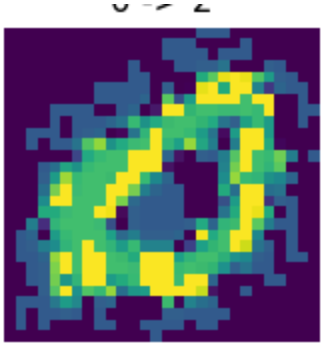

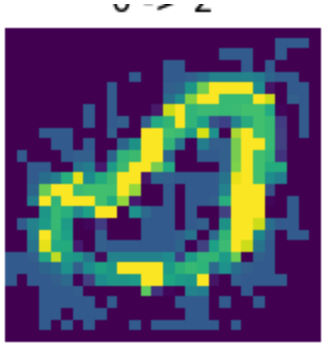

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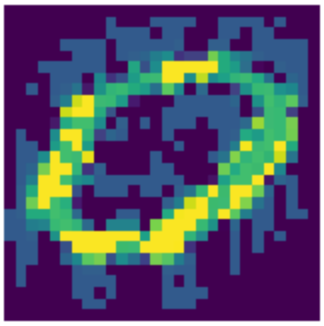

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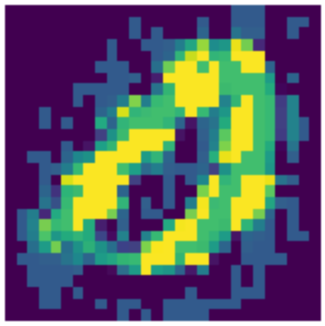

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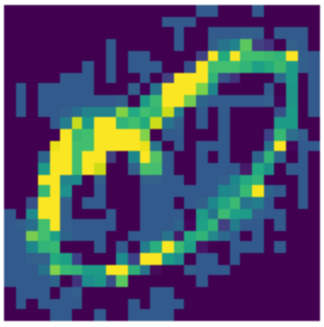

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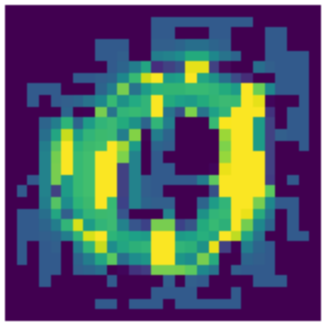

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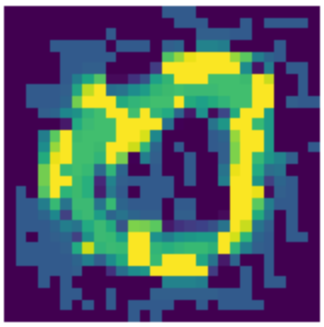

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No misclassified images for stage: w/ Defense Attack
Attack: fgsm_cw_attack
Dataset: EMNIST
Training Epochs: 10
Retrained Clean and Adversarial Images: 124
Test Images: 625
Accuracy: 1.00
Precision: 1.00
Recall: 1.00
F1-score: 1.00
ROC AUC score is not defined for a single class.
```

```
----------------------------------------------------------
```