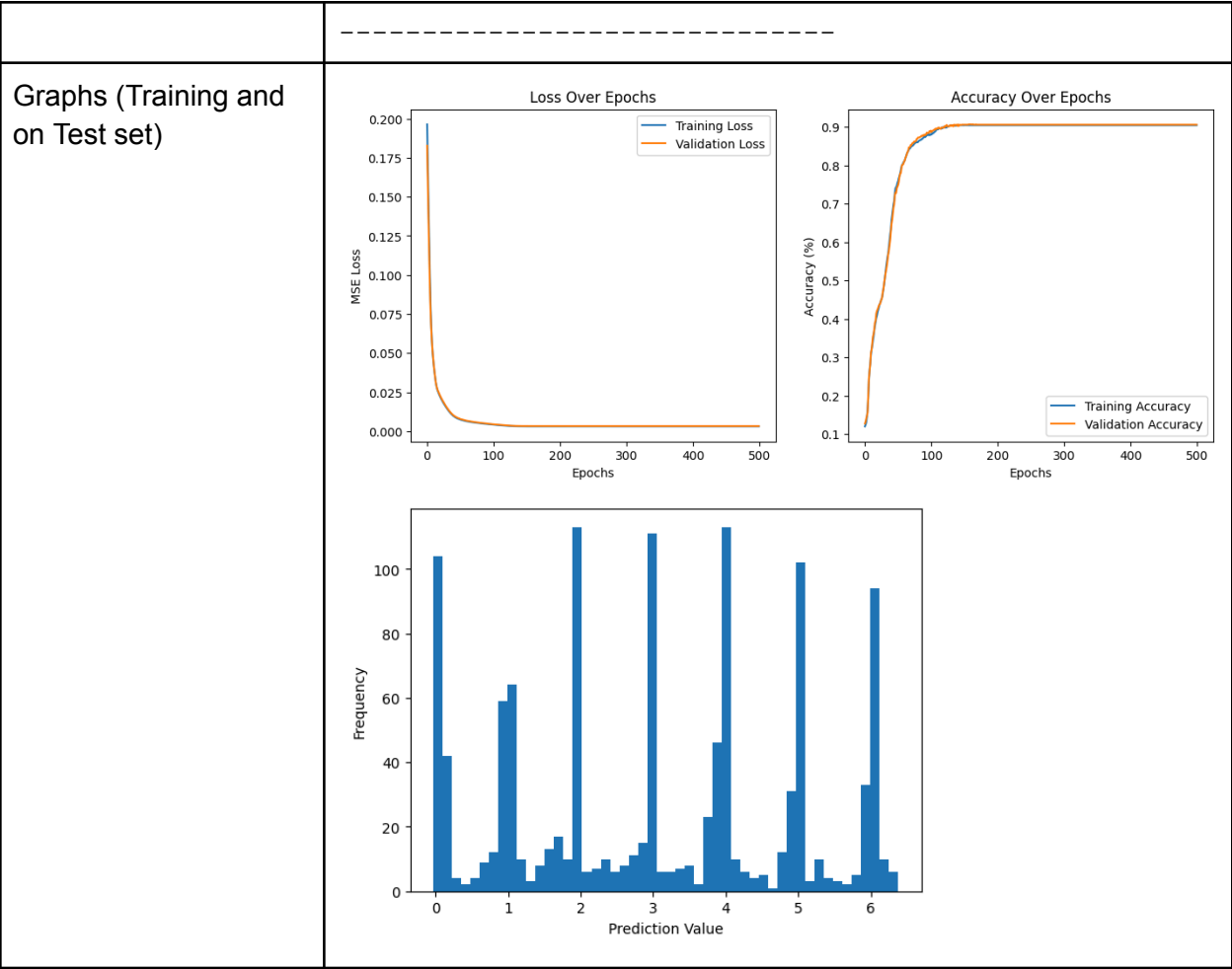
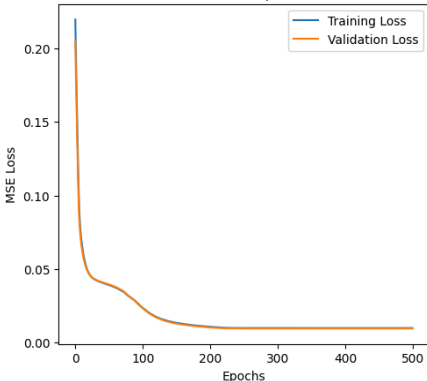
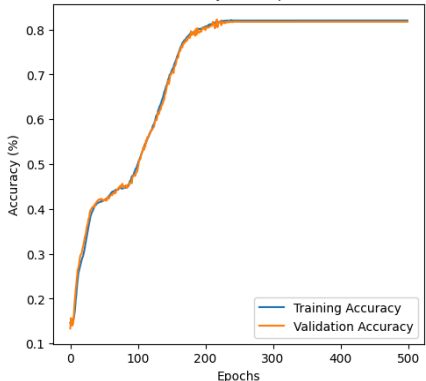


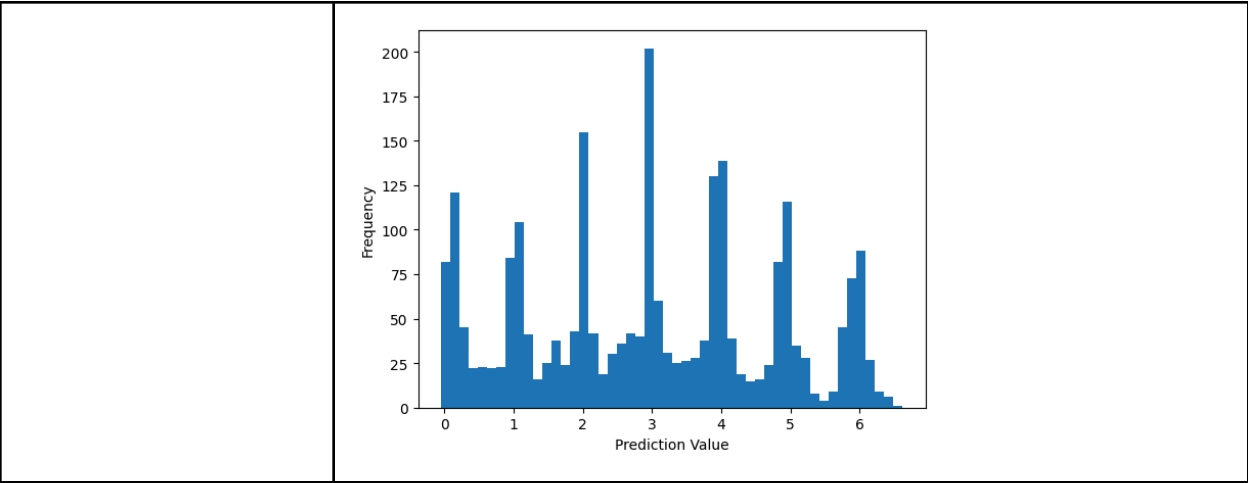
# DFT

(6, 7, 2)	
Weights	<b>Total params: 113 (452.00 B)</b>  <b>Trainable params: 97 (388.00 B)</b>  <b>Non-trainable params: 16 (64.00 B)</b>
FLOPs	248
Test Results	Loss: 0.003321029245853424, MSE: 0.0024274711031466722, Accuracy: 0.9055060148239136
Inference Time	Average batch inference time over 100 runs: 0.114033 seconds Average inference time per sample (from batch): 0.000570 seconds
R2 score	0.7265
Test set predictions	Comparison of predictions and ground truth: Sample 1: Predicted:     [4 1 4 2 0 1 0 0] Ground Truth: [4 1 4 0 0 0 0 0] ----- Sample 2: Predicted:     [4 4 6 5 4 6 0 0] Ground Truth: [4 4 6 5 4 6 0 0] ----- Sample 3: Predicted:     [3 1 0 4 5 0 0 0] Ground Truth: [3 1 0 2 5 0 0 0] -----
Unseen set predictions	MSE on unseen data: 0.001110 Accuracy on unseen data: 0.958333  Sample 1: True       : [6 3 4 6 2 4 0 0] Predicted: [6 3 4 5 2 4 0 0] -----  Sample 2: True       : [4 6 1 2 6 2 0 0] Predicted: [4 6 1 2 6 2 0 0] -----  Sample 3: True       : [2 4 3 2 5 4 0 0] Predicted: [2 4 3 2 5 4 0 0]

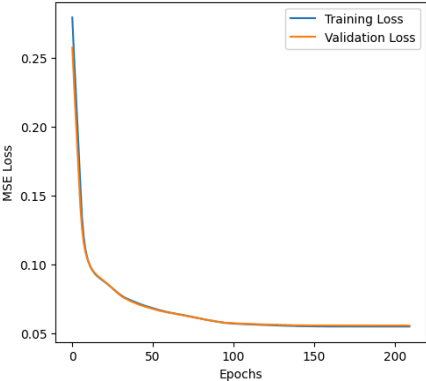
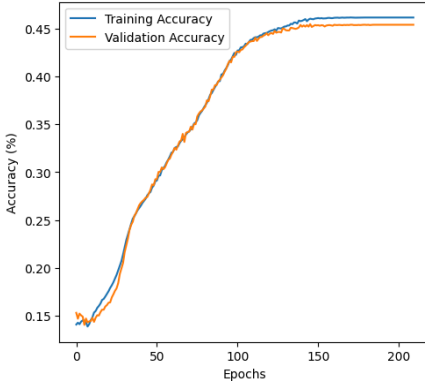


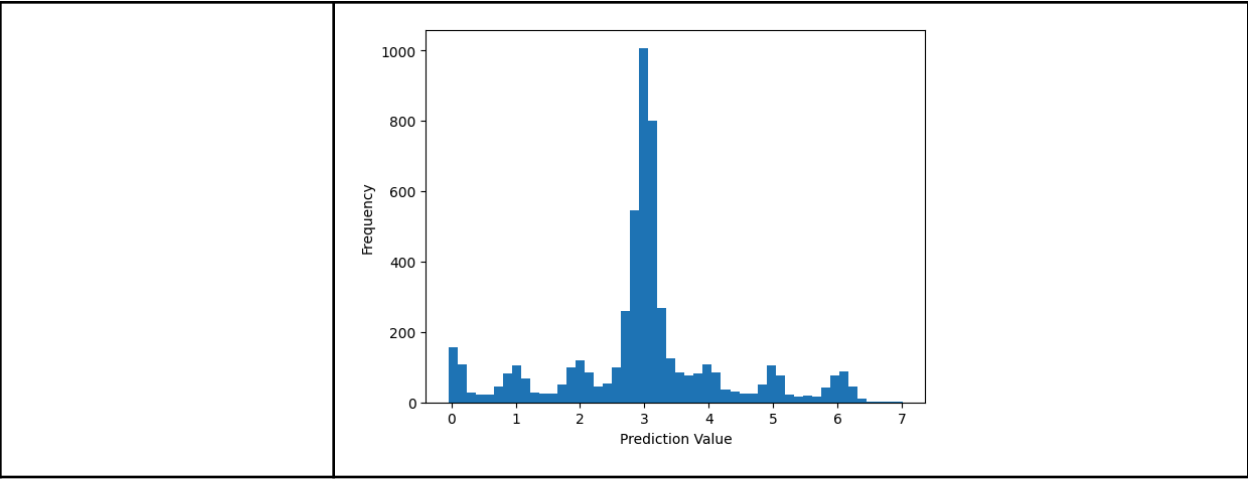
(12, 7, 2)	
Weights	<div>Total params: 241 (964.00 B)</div> <div>Trainable params: 209 (836.00 B)</div> <div>Non-trainable params: 32 (128.00 B)</div>
FLOPs	576
Test Results	Loss: 0.009652693755924702, MSE: 0.007647582329809666, Accuracy: 0.8173362612724304
Inference Time	Average batch inference time over 100 runs: 0.117717 seconds Average inference time per sample (from batch): 0.000589 seconds
R2 score	0.8020
Test set predictions	Comparison of predictions and ground truth:

	<div>Sample 1: Predicted: [4 0 1 2 3 3 5 2 6 6 6 6 0 0 0 0] Ground Truth: [4 0 1 2 3 0 6 1 6 6 6 6 0 0 0 0] ----- Sample 2: Predicted: [0 6 3 0 1 2 2 2 4 3 1 4 0 0 0 0] Ground Truth: [0 6 3 0 1 1 2 3 4 3 1 4 0 0 0 0] ----- Sample 3: Predicted: [5 4 3 5 3 2 6 5 1 5 1 2 0 0 0 0] Ground Truth: [5 4 3 5 3 1 6 5 1 5 0 2 0 0 0 0] -----</div>																																				
Unseen set predictions	<div>MSE on unseen data: 0.007209 Accuracy on unseen data: 0.829167  Sample 1: True : [6 3 4 6 2 4 4 6 1 2 6 2 0 0 0 0] Predicted: [6 3 4 6 2 3 4 5 1 2 6 2 0 0 0 0] ----- Sample 2: True : [2 4 3 2 5 4 1 3 5 5 1 3 0 0 0 0] Predicted: [2 4 3 2 5 2 2 3 5 5 1 3 0 0 0 0] ----- Sample 3: True : [4 0 3 1 5 4 3 0 0 2 2 6 0 0 0 0] Predicted: [4 0 3 1 5 4 3 0 0 3 2 6 0 0 0 0] -----</div>																																				
Graphs (Training and on Test set)	<div><div><p>Loss Over Epochs</p><table><caption>Approximate data for Loss Over Epochs</caption><tr><th>Epochs</th><th>Training Loss</th><th>Validation Loss</th></tr><tr><td>0</td><td>0.22</td><td>0.22</td></tr><tr><td>50</td><td>0.05</td><td>0.05</td></tr><tr><td>100</td><td>0.03</td><td>0.03</td></tr><tr><td>200</td><td>0.01</td><td>0.01</td></tr><tr><td>500</td><td>0.01</td><td>0.01</td></tr></table></div><div><p>Accuracy Over Epochs</p><table><caption>Approximate data for Accuracy Over Epochs</caption><tr><th>Epochs</th><th>Training Accuracy</th><th>Validation Accuracy</th></tr><tr><td>0</td><td>0.15</td><td>0.15</td></tr><tr><td>50</td><td>0.40</td><td>0.40</td></tr><tr><td>100</td><td>0.45</td><td>0.45</td></tr><tr><td>200</td><td>0.81</td><td>0.81</td></tr><tr><td>500</td><td>0.82</td><td>0.82</td></tr></table></div></div>	Epochs	Training Loss	Validation Loss	0	0.22	0.22	50	0.05	0.05	100	0.03	0.03	200	0.01	0.01	500	0.01	0.01	Epochs	Training Accuracy	Validation Accuracy	0	0.15	0.15	50	0.40	0.40	100	0.45	0.45	200	0.81	0.81	500	0.82	0.82
Epochs	Training Loss	Validation Loss																																			
0	0.22	0.22																																			
50	0.05	0.05																																			
100	0.03	0.03																																			
200	0.01	0.01																																			
500	0.01	0.01																																			
Epochs	Training Accuracy	Validation Accuracy																																			
0	0.15	0.15																																			
50	0.40	0.40																																			
100	0.45	0.45																																			
200	0.81	0.81																																			
500	0.82	0.82																																			



(27, 7, 2)	
Weights	<div>Total params: 513 (2.00 KB)</div> <div>Trainable params: 449 (1.75 KB)</div> <div>Non-trainable params: 64 (256.00 B)</div>
FLOPs	1312
Test Results	Test results - Loss: 0.05577055364847183, MSE: 0.05529003590345383, Accuracy: 0.4538690447807312
Inference Time	Average batch inference time over 100 runs: 0.122749 seconds Average inference time per sample (from batch): 0.000614 seconds
R2 score	0.3494
Test set predictions	<div>Comparison of predictions and ground truth:</div> <div>Sample 1:</div> <div>Predicted: [3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 1 5 1 4 3 4 4 6 5 2 3 1 0 0 0 0 0]</div> <div>Ground Truth: [5 6 5 1 3 4 1 1 6 2 3 1 4 0 3 2 5 1 4 3 4 4 6 5 2 3 1 0 0 0 0 0]</div> <div>-----</div> <div>Sample 2:</div> <div>Predicted: [3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 2 1 2 0 1 1 5 2 1 4 0 4 0 0 0 0 0]</div> <div>Ground Truth: [1 4 1 3 3 3 0 5 5 2 4 3 3 1 3 1 1 2 0 1 1 5 2 1 4 0 4 0 0 0 0 0]</div> <div>-----</div> <div>Sample 3:</div> <div>Predicted: [3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 2 5 1</div>

	<pre>4 5 0 4 3 2 3 4 4 0 0 0 0 0]   Ground Truth: [2 6 0 2 2 1 3 4 2 6 4 1 0 5 2 3 5 1 4 6 0 4 3 2 3 4 4 0 0 0 0 0] -----</pre>
Unseen set predictions	<p>MSE on unseen data: 0.056453 Accuracy on unseen data: 0.462963</p> <p>Sample 1: True      : [6 3 4 6 2 4 4 6 1 2 6 2 2 4 3 2 5 4 1 3 5 5 1 3 4 0 3 0 0 0 0 0] Predicted: [3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 5 4 1 3 5 5 1 3 4 0 3 0 0 0 0 0] -----</p> <p>Sample 2: True      : [1 5 4 3 0 0 2 2 6 1 3 3 6 5 5 6 5 2 3 6 3 0 2 4 2 6 4 0 0 0 0 0] Predicted: [3 3 3 3 3 3 3 3 3 3 3 4 3 4 3 3 5 2 3 6 3 0 2 4 2 6 4 0 0 0 0 0] -----</p> <p>Sample 3: True      : [0 6 1 3 0 3 5 1 1 0 1 4 1 3 3 6 3 6 3 4 6 2 5 0 3 1 3 0 0 0 0 0] Predicted: [3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 5 3 6 3 4 6 2 5 0 3 1 3 0 0 0 0 0] -----</p>
Graphs (Training and on Test set)	<div><div><p>Loss Over Epochs</p></div><div><p>Accuracy Over Epochs</p></div></div>



(48, 13, 2)	
Weights	<div>Total params: 1,089 (4.25 KB)</div> <div>Trainable params: 961 (3.75 KB)</div> <div>Non-trainable params: 128 (512.00 B)</div>
FLOPs	2944
Test Results	Loss: 0.05008416250348091, MSE: 0.0491093210875988, Accuracy: 0.3055245578289032
Inference Time	Average batch inference time over 100 runs: 0.141037 seconds Average inference time per sample (from batch): 0.000705 seconds
R2 score	0.2681
Test set predictions	<div>Comparison of predictions and ground truth:</div> <div>Sample 1:</div> <div><div>Predicted:</div><div>6 6 5 6 6 5 6 6 6 6 6</div><div>6 7 6 6 7 7 6 6 0 4 1</div><div>5 12 8 4 8</div><div>7 0 10 11 2 7 8</div><div>0 0 0 0 0 0 0 0 0 0 0</div></div> <div><div>Ground Truth:</div><div>6 6 0 9 4 7 7 2 2 6 3</div><div>5 8 9 1 1 5 2 0 1 12 6</div><div>3 11 1 10 11 11 7 3 3 1 0</div><div>0 2 5 6 12 8 4 8</div><div>7 0 10 11 2 7 8</div><div>0 0 0 0 0 0 0 0 0 0 0</div></div>

Sample 2:

Predicted:

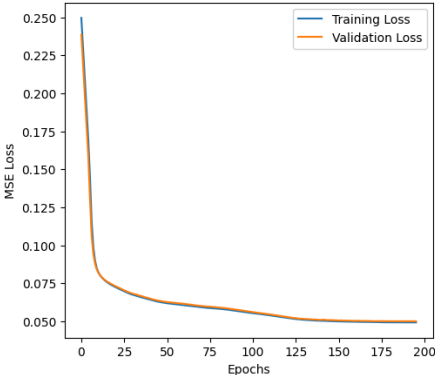
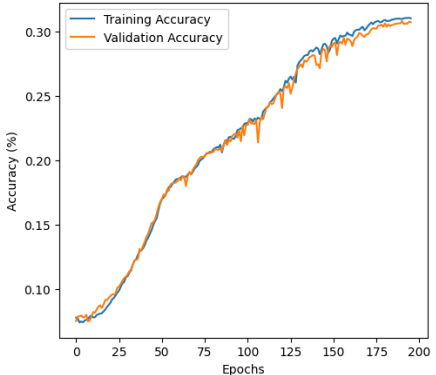
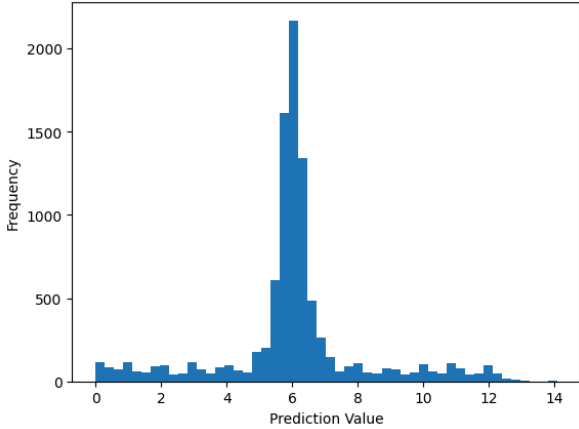
6 6 6 6 6 6 6 6 6 6 6

6 6 6 6 5 6 6 6 6 5 6

6 6 7 6 6 6 6 6 0 11 5

3 9 3 2 5 0

	<pre> 9 11 10 3 6 10 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Ground Truth: [ 0 10 3 8 3 0 3 6 2 9 5 0 10 3 2 0 2 3 4 5 1 1 5 4 0 2 10 4 12 11 11 1 0 8 4 1 9 3 2 6 0 9 11 11 3 6 10 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] ----- Sample 3: Predicted: [ 6 5 7 6 6 6 6 6 6 6 6 6 6 6 6 6 7 6 6 6 6 6 6 6 6 6 6 6 7 7 6 4 8 6 3 4 4 9 11 1 11 6 6 8 12 8 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Ground Truth: [ 2 12 10 4 3 0 0 6 3 0 5 10 11 10 11 10 10 0 7 11 12 8 10 2 6 12 4 2 4 9 6 6 8 7 3 4 4 9 11 1 11 6 6 8 12 8 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] ----- </pre>
Unseen set predictions	<pre> MSE on unseen data: 0.049824 Accuracy on unseen data: 0.320833  Sample 1: True      : [ 6 3 12 10 7 12 4 6 9 2 6 10 10 7 4 3 7 7 2 5 4 1 7 11 5 1 11 4 0 11 9 5 12 11 8 0 10 10 9 11 11 2 11 6 3 8 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Predicted: [ 6 5 6 6 6 6 6 6 6 6 6 6 7 6 6 6 6 7 6 6 6 6 6 6 6 6 5 7 6 6 8 6 7 12 10 9 1 10 10 9 11 11 2 11 6 3 8 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] -----  Sample 2: True      : [ 2 6 4 8 6 1 3 8 11 1 9 8 9 4 1 3 11 11 6 11 12 7 2 0 3 1 7 3 1 5 5 9 3 5 12 1 9 11 1 9 3 7 6 11 8 7 4 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] Predicted: [ 6 8 6 7 3 5 11 1 8 11 2 8 3 7 6 11 8 7 4 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0] -----  Sample 3: True      : [ 1 4 7 9 8 11 11 11 12 8 12 12 0 8 6 8 7 0 11 7 7 10 2 0 7 2 2 0 10 4 9 6 9 8 11 6 8 7 11 1 0 6 6 7 4 2 11 7 </pre>

	<div>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]</div> <div>Predicted: [ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</div> <div>6 6 6 6 6 7 6 6 6 6 6 6</div> <div>6 6 6 6 6 5 7 5 9 7 11 5 9 7 11 1 0</div> <div>6 7 7 4 2 11 7</div> <div>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0]</div> <div>-----</div>
Graphs (Training and on Test set)	<div><div>Loss Over Epochs</div><div>Accuracy Over Epochs</div><div></div></div>

(96, 19, 2)	
Weights	<div>Total params: 2,305 (9.00 KB)</div> <div>Trainable params: 2,049 (8.00 KB)</div> <div>Non-trainable params: 256 (1.00 KB)</div>
FLOPs	6528
Test Results	Loss: 0.06043747067451477, MSE: 0.05994429811835289, Accuracy: 0.1468564122915268
Inference Time	Average batch inference time over 100 runs: 0.173538 seconds Average inference time per sample (from batch):



	0.000868 seconds
R2 score	0.1015
Test set predictions	<div>Comparison of predictions and ground truth:</div> <div>Sample 1:</div> <div>Predicted: [ 9 8 9 9 9 9 10 9 9 9 9 8 9 9 9 7 8 9 9 9 9 9 9 9 8 9 9 9 8 9 9 9 8 9 8 10 8 9 10 9 9 8 9 9 9 9 9 9 10 8 9 9 9 8 10 9 8 10 10 10 9 9 9 10 9 8 9 8 8 11 9 9 9 10 8 11 8 9 9 9 12 8 8 6 14 3 17 2 5 7 16 1 6 17 3 9 0]</div> <div>Ground Truth: [ 7 3 9 9 7 13 3 2 2 3 11 17 18 10 17 13 10 13 2 1 8 7 4 8 4 12 10 10 11 18 12 8 3 6 4 6 7 13 9 5 4 14 15 1 14 7 12 16 14 13 18 12 6 7 6 18 14 6 16 17 18 2 6 9 6 10 2 8 3 7 11 7 14 13 4 16 10 14 12 3 12 12 10 4 13 2 17 2 5 7 16 0 6 17 3 9 0]</div> <div>-----</div> <div>Sample 2:</div> <div>Predicted: [ 9 10 9 10 9 8 9 9 9 9 9 10 9 9 9 9 8 9 9 10 9 9 9 8 10 9 9 9 8 9 9 9 10 9 9 9 10 10 9 9 9 8 9 9 9 8 9 9 8 9 9 10 9 10 9 9 8 10 10 9 9 9 9 9 9 9 8 10 8 9 9 8 10 10 9 10 9 9 9 8 13 10 14 6 7 3 3 4 0 15 6 18 4 5 6 4 0]</div> <div>Ground Truth: [ 2 8 8 4 18 15 15 17 11 15 4 2 6 13 15 0 4 7 1 6 5 9 2 5 18 1 18 16 3 2 13 2 10 9 2 8 15 17 4 14 15 17 5 3 12 0 1 14 3 12 13 14 7 8 4 2 6 7 15 16 9 0 18 17 17 4 10 0 10 10 4 17 7 14 2 15 11 1 12 18 12 17 15 9 6 1 3 3 0 15 5 18 4 5 6 4 0]</div> <div>-----</div> <div>Sample 3:</div> <div>Predicted: [ 9 8 9 9 8 8 9 9 8 8 9 8</div>

	<pre>9 9 8 8 9 9 11 9 9 9 9 8 8 9 7 9 8 9 9 9 10 9 8 9 9 9 8 8 10 8 9 9 10 9 8 8 10 8 9 9 10 8 10 9 9 10 9 9 9 10 9 10 9 8 8 9 9 10 9 9 9 10 10 10 9 9 7 9 10 9 1 8 3 11 1 5 16 18 8 4 13 15 1 2 0] Ground Truth: [10 3 13 3 3 1 6 18 0 11 18 11 8 6 0 5 9 0 17 2 10 13 5 10 6 7 4 17 14 17 2 9 14 7 7 13 9 12 9 5 17 15 17 5 8 15 5 10 2 7 0 14 14 18 9 18 8 6 13 1 12 3 6 7 15 8 10 13 3 18 14 13 15 2 5 3 0 17 7 15 15 14 1 11 3 10 1 5 16 18 8 4 13 15 0 2 0] -----</pre>
Unseen set predictions	<pre>MSE on unseen data: 0.060479 Accuracy on unseen data: 0.145313  Sample 1: True      : [ 6 14 10 7 6 18 10 10 3 7 2 1 11 5 1 0 11 11 16 9 15 14 14 18 11 2 4 18 6 8 6 17 3 13 17 8 1 14 6 11 7 14 2 13 16 3 17 7 3 1 5 9 3 17 11 1 9 3 13 15 14 7 13 7 15 12 17 14 12 8 14 12 0 6 8 0 11 7 10 18 16 7 2 2 0 4 9 6 8 6 8 7 11 1 0 15 0] Predicted: [ 9 9 9 9 8 9 9 9 9 10 9 9 9 9 8 9 9 9 10 9 9 8 9 10 9 10 9 9 9 8 9 8 10 9 9 10 8 10 8 10 9 9 10 9 10 9 9 9 10 8 9 10 11 10 10 9 9 9 9 10 8 9 9 9 10 8 9 9 9 9 9 10 10 10 11 9 9 9 9 10 13 9 2 5 1 4 10 6 8 6 8 7 11 1 1 15 0] -----  Sample 2: True      : [ 4 2 11 7 2 0 2 4 14 13 2 0 4 13 6 8 14 14 9 12 18 6 16 3 4 6 12 14 10 3 12 6 18 1 9 12 5 11 11 10 6</pre>

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0 0 12 8 2 6 5
7 8 4 0 18 9 11 14 8 16 16 11 6 1 2 16 4
16 16 16 1 1 4 0
0 18 1 11 5 3 10 16 5 4 1 5 10 15 15 0 8
5 15 2 3 18 2 18
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0]
Predicted: [ 9 8 9 8 9 9 10 10 9 9 9 8 9
11 8 8 9 9 10 9 9 9 9 10
8 10 9 9 9 8 10 9 9 9 9 11 8 10 10 9 10
8 9 10 9 9 9 9
10 9 9 9 10 9 10 10 9 11 10 10 9 9 9 9 9
10 9 9 8 10 9 10
9 10 8 9 8 10 10 9 5 9 2 6 8 15 15 0 8
5 14 2 3 18 2 18
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0]
-----

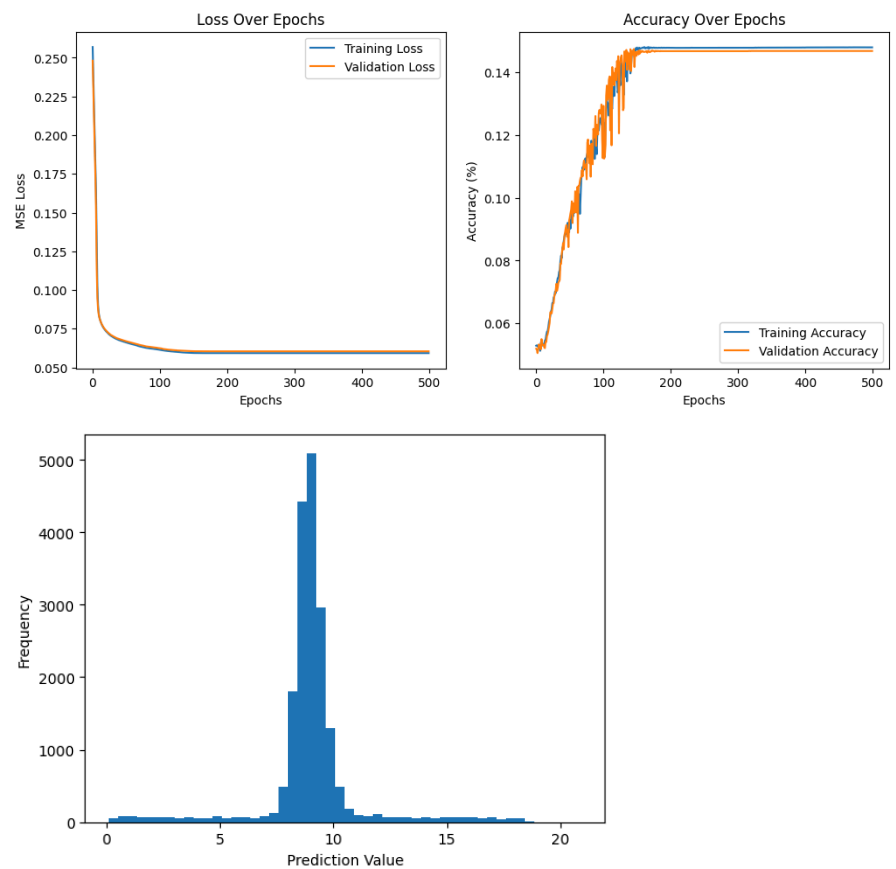
```

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Sample 3:
True      : [ 6 8 0 7 6 17 7 0 10 17 9 2 6
15 15 16 1 0 15 11 4 4 8 8
2 18 15 15 2 0 10 16 7 3 5 7 2 15 2 17 13
17 1 2 15 8 3 0
3 0 13 15 7 6 2 16 0 15 11 18 13 5 5 12 18
7 1 0 14 0 4 15
18 3 2 16 16 11 13 5 2 8 4 16 13 2 0 0 2
17 9 2 7 13 17 14
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0]
Predicted: [ 9 9 9 9 9 9 10 9 10 8 9 9 8
9 10 9 10 9 9 9 9 10 9 9
9 9 9 9 9 9 10 9 9 10 9 10 9 9 9 8 10
8 9 9 9 9 9 8
8 9 9 9 9 8 9 10 8 9 9 9 9 9 9 9 9
9 9 9 7 11 10 9
10 10 11 10 9 9 8 8 4 9 4 11 12 2 1 0 2
18 9 2 8 12 17 14
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0
0 0 0 0 0 0 0 0]
-----

```

## Graphs (Training and on Test set)



(210, 211, 2)	
Weights	<b>Total params:</b> 4,865 (19.00 KB) <b>Trainable params:</b> 4,353 (17.00 KB) <b>Non-trainable params:</b> 512 (2.00 KB)
FLOPs	14336
Test Results	Test results - Loss: 0.07028979808092117, MSE: 0.06907574087381363, Accuracy: 0.0047406465746462345
Inference Time	Average batch inference time over 100 runs: 0.217888 seconds Average inference time per sample (from batch): 0.001089 seconds
R2 score	-0.0043
Test set predictions	Comparison of predictions and ground truth: Sample 1: Predicted: [104 104 103 103 103 103 106 108 100]

	105 106 110 104 106 105 104 106 102
	100 107 106 103 103 100 101 100 105 104 106 104 102
	104 104 104 104 105
	104 102 110 103 102 100 102 105 102 105 107 104 106
	107 104 108 103 105
	106 102 107 105 105 105 105 104 109 101 102 106 108
	101 106 100 108 101
	104 109 109 107 106 106 108 102 107 109 108 108 105
	102 106 103 103 105
	106 101 105 103 101 101 105 107 109 109 105 106 105
	102 104 106 106 105
	105 105 106 103 106 105 104 102 104 109 105 102 104
	102 107 107 99 105
	110 106 109 101 102 101 105 101 105 104 104 105 107
	103 106 105 102 100
	106 103 109 101 104 103 103 103 106 102 106 103 106
	104 104 103 108 100
	105 105 105 105 107 107 103 103 106 100 105 107 108
	101 107 104 105 99
	108 102 107 101 108 100 105 101 105 106 111 104 107
	98 105 99 107 101
	109 103 105 102 102 103 107 99 106 101 107 105 0
	0 0 0 0 0
	0 0 0 0 0 0 0 0 0 0 0 0 0
	0 0 0 0 0
	0 0 0 0 0 0 0 0 0 0 0 0 0
	0 0 0 0 0
	0 0 0 0]
	Ground Truth: [179 157 130 128 9 48 64 160 122
	92 162 164 178 53 62 45 173 120
	177 6 83 127 188 11 73 37 94 166 148 150 171
	171 20 104 91 188
	207 118 210 151 106 158 4 208 192 164 93 31 193
	33 28 117 132 157
	106 172 145 77 164 10 3 112 45 123 130 52 151
	97 135 207 133 84
	85 200 17 203 133 90 107 166 110 0 14 141 76
	84 173 110 116 40
	113 5 19 67 39 146 103 126 73 124 68 1 94
	43 52 5 42 146
	145 29 198 144 116 180 195 191 130 152 157 163 77
	168 150 177 113 15
	91 203 199 157 59 104 188 5 38 4 2 73 29
	79 10 130 14 171
	53 128 12 62 111 55 38 166 101 66 157 107 168
	89 138 197 75 207
	117 85 21 165 11 163 49 16 159 172 164 194 24
	82 100 113 101 104
	48 42 18 79 25 96 14 52 19 132 63 175 167
	23 69 139 127 3
	111 170 204 179 148 196 140 1 107 133 92 150 0
	0 0 0 0 0
	0 0 0 0 0 0 0 0 0 0 0 0 0
	0 0 0 0 0
	0 0 0 0 0 0 0 0 0 0 0 0 0

Sample 2:

```

Ground Truth: [131 145 129 185 160 64 93 106 123
62 102 89 30 207 195 12 154 56
141 51 190 79 200 127 136 166 90 6 56 54 134
210 207 116 143 46
97 190 102 95 206 32 148 166 123 156 15 172 100
70 31 170 157 137
14 140 116 57 85 102 22 52 33 197 44 159 180
101 203 158 171 78
75 98 192 152 9 32 121 56 169 51 126 62 107
142 135 165 27 71
87 1 130 24 161 163 208 179 18 92 189 179 210
29 138 8 116 100
97 147 3 68 180 204 67 137 107 65 125 182 137
46 65 207 198 200
110 151 200 173 135 11 129 136 70 156 95 83 150
78 32 143 136 107
201 163 182 159 174 113 141 162 119 13 0 50 75
47 185 168 200 140
184 153 142 119 79 137 144 103 127 108 9 174 110
9 188 34 104 135
137 198 97 192 68 208 47 19 67 45 97 35 0
49 59 103 28 19

```

	28 15 79 167 87 144 72 147 173 23 169 208 0]	
	----- Sample 3: Predicted: [103 105 103 103 102 104 106 109 100 106 106 111 104 107 105 105 106 103 100 108 106 104 103 101 101 101 105 105 105 105 101 106 104 105 103 106 103 104 110 105 102 101 101 106 102 106 107 106 106 109 103 110 102 107 105 104 106 107 104 107 104 106 108 103 101 108 107 103 105 102 107 103 103 111 108 109 105 108 107 105 106 111 107 110 104 105 104 105 101 108 105 104 104 106 99 104 104 109 108 112 104 109 104 105 103 109 104 108 103 108 105 107 104 108 102 105 103 113 103 105 103 106 105 110 97 108 108 110 107 105 100 104 103 105 103 109 102 110 105 107 104 109 100 105 104 108 107 105 102 108 101 109 103 107 103 108 103 110 101 109 105 106 102 111 102 111 104 114 100 110 103 107 102 114 104 108 104 111 102 106 104 109 103 109 104 107 101 109 101 113 106 112 102 106 100 107 102 109 104 112 100 112 97 115 101 115 97 133 104 111 0]	
	Ground Truth: [ 5 109 6 101 163 69 97 128 21 208 41 83 31 31 5 133 199 107 138 156 160 128 90 199 76 164 164 105 114 92 153 168 89 103 95 169 59 87 130 12 138 56 196 192 118 31 12 16 65 148 69 181 93 142 142 108 110 8 75 70 87 20 136 65 70 1 55 11 116 55 206 98 178 197 186 70 10 130 161 84 146 134 106 138 62 194 183 102 170 183 44 127 187 160 27 102 115 56 51 3 144 34 41 187 153 175 63 144 97 199 200 134 64 127 51 168 115 143 193 199 85 121 183 26 17 62 79 114 153 149 185 0 173 85 26 101 171 160 82 32 124 181 152 5 175 92 59 189 14 203 186 37 142 158 113 192 147	

	<pre>156 74 200 143 207 160 182 18 88 49 33 191 102 151 112 31 120 130 140 86 11 61 172 23 23 208 14 177 87 95 194 115 172 192 19 20 139 99 107 84 82 146 100 1 32 164 9 31 93 124 208 157 13 0]</pre> <p>-----</p>
Unseen set predictions	<pre>MSE on unseen data: 0.068090 Accuracy on unseen data: 0.005000  Sample 1: True      : [102 179 92 14 106 71 188 20 102 121 210 74 202 87 116 99 103 151 130 149 52 1 87 157 37 129 191 187 20 160 203 57 21 88 48 58 169 187 207 14 189 189 174 189 50 107 54 63 130 50 134 20 72 166 17 131 88 59 13 8 89 52 129 83 91 110 187 198 171 7 174 34 205 80 163 49 103 131 1 133 53 105 3 53 190 145 43 161 201 189 13 94 47 14 199 205 189 39 207 81 110 52 23 153 187 123 40 156 14 44 64 88 70 8 87 128 135 62 138 80 135 162 162 32 122 4 40 27 134 200 71 11 161 32 47 150 61 36 98 171 103 34 192 100 174 205 130 0 4 141 102 26 136 206 14 89 41 123 204 178 62 95 51 95 131 150 142 170 28 35 12 159 70 186 85 27 65 169 44 61 184 133 27 27 107 43 83 29 189 74 127 91 189 128 120 26 189 120 115 204 2 102 197 199 154 136 61 164 50 171 0]</pre> <pre>Predicted: [103 104 103 103 102 104 106 108 100 106 106 110 104 106 105 105 106 102 100 107 106 104 103 100 101 100 105 104 106 104 102 105 104 104 104 105 104 103 110 104 102 100 102 105 102 105 107 105 106 108 104 108 103 106 106 103 106 106 105 105 105 105 108 101 102 107 107 102 105 100 108 102</pre>



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104 110 109 108 105 106 108 103 107 110 108 108 105
103 105 104 102 106
106 102 105 104 100 102 105 107 109 110 105 107 105
103 104 107 105 106
104 106 106 105 105 106 103 103 104 110 104 103 104
104 106 108 98 106
109 107 109 102 102 102 104 102 104 106 103 107 107
104 105 106 102 102
105 104 108 102 103 105 102 105 105 104 105 105 105
106 103 105 107 102
104 107 104 107 106 109 102 106 105 103 104 109 107
103 106 106 104 101
106 104 106 104 107 102 104 104 104 108 109 107 105
101 103 101 105 103
107 106 103 105 100 107 105 105 103 112 106 107 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0]
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Sample 2:

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True      : [151 206 58 117 159 95 179 112 61 185
51 11 38 129 130 112 100 112
183 80 186 112 1 129 53 86 128 146 125 129 52
171 159 197 159 67
182 202 183 122 144 37 23 68 115 97 197 138 143
96 200 123 186 69
207 92 2 147 186 163 146 89 194 146 147 95 198
51 160 167 127 38
81 103 128 10 184 177 150 158 41 98 6 143 89
111 59 112 1 128
47 139 196 36 159 8 98 146 47 207 130 147 151
53 119 160 151 115
74 112 199 163 165 103 83 111 98 152 92 145 127
109 81 193 53 162
207 188 168 160 67 32 141 20 47 147 127 135 134
194 144 127 32 175
203 186 114 118 21 157 37 108 50 181 7 26 26
20 29 96 27 110
191 196 60 47 146 3 34 191 48 16 171 157 45
116 5 98 123 36
23 92 45 180 94 98 187 115 190 159 160 66 127
17 24 53 57 66
103 173 23 113 31 174 85 150 193 126 154 129 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0]

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Predicted: [103 104 103 103 102 104 106 108 100 106
106 110 104 106 105 105 106 102

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	100 107 106 104 103 100 101 100 105 104 106 104 102 105 104 104 104 105 104 103 110 104 102 100 102 105 102 105 107 105 106 108 104 108 103 106 106 103 106 106 105 105 105 105 109 101 102 107 107 101 105 100 108 102 104 110 109 107 105 106 108 103 107 109 108 108 105 103 105 104 102 106 106 102 105 104 100 102 105 107 109 110 105 107 105 103 104 106 105 105 104 106 106 104 105 106 103 103 104 110 104 103 104 103 106 108 98 106 109 107 109 102 102 102 104 102 105 106 103 107 107 104 105 106 102 101 105 104 108 102 103 105 102 105 105 104 105 105 105 106 103 105 107 102 104 107 104 107 106 109 103 105 105 102 104 109 107 103 106 106 104 101 107 104 106 104 107 102 104 104 104 108 110 106 105 100 103 101 105 103 107 105 103 105 100 107 106 104 103 111 106 107 0]
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	Sample 3: True : [ 16 103 160 136 42 175 38 169 25 98 49 152 151 12 59 134 56 35 172 19 64 7 143 141 203 114 142 91 97 65 31 190 85 50 152 185 62 189 124 149 57 57 85 48 179 169 69 14 53 187 100 7 52 59 107 4 102 195 5 108 115 93 46 98 54 167 51 143 12 113 123 105 157 146 144 119 62 18 91 57 182 89 116 61 22 126 136 139 128 57 121 0 33 95 125 117 47 88 116 128 15 188 191 190 68 21 92 194 75 153 143 178 85 184 28 205 68 46 93 189 196 203 143 175 84 38 99 32 100 22 9 68 99 33 179 137 146 185 95 0 68 3 15 23 79 1 127 159 83 151 139 177 162 123 32 160 188 178 170 100 11 66 64 160 167 73 42 43 28 140 11 94 45 129 34 80 89 7 92 153 201 89 161 114 104 134 195 57 113 74 156 119 163 20 163 137 100 200 151 191 176 98 35 209 95 151 150 189 36 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0
0 0 0 0]
Predicted: [103 105 103 103 102 104 106 109 100 106
106 110 104 107 105 105 106 103
100 108 106 104 103 100 101 101 105 105 105 105 102
105 104 105 104 106
104 103 110 104 102 101 101 106 102 106 107 106 106
108 103 109 102 106
106 103 106 107 104 106 105 106 108 102 101 107 107
102 105 101 108 103
104 111 109 108 105 107 108 104 106 110 107 109 104
104 105 105 102 107
105 103 104 105 100 103 104 109 108 111 104 108 104
105 103 108 105 107
104 107 105 106 105 107 102 105 103 112 104 104 103
105 106 109 98 107
108 109 108 104 101 103 103 104 104 108 102 109 106
106 104 108 101 103
104 106 107 104 102 107 101 108 104 106 104 107 104
108 102 107 106 104
103 109 103 109 104 112 101 108 103 105 103 112 105
106 104 109 103 104
105 107 104 107 105 105 102 107 102 111 108 110 104
104 101 105 103 107
105 109 101 109 98 112 103 111 100 124 105 109 0
0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0
0 0 0 0]
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Graphs (Training and on Test set)

