Report

1.

Model architecture:
Convolution (inchannel = 3, outchannel = 32, kernel size = 3) -> Relu
MaxPool (kernel size = 2)
Convolution (inchannel = 32, outchannel = 16, kernel size = 3) -> Relu
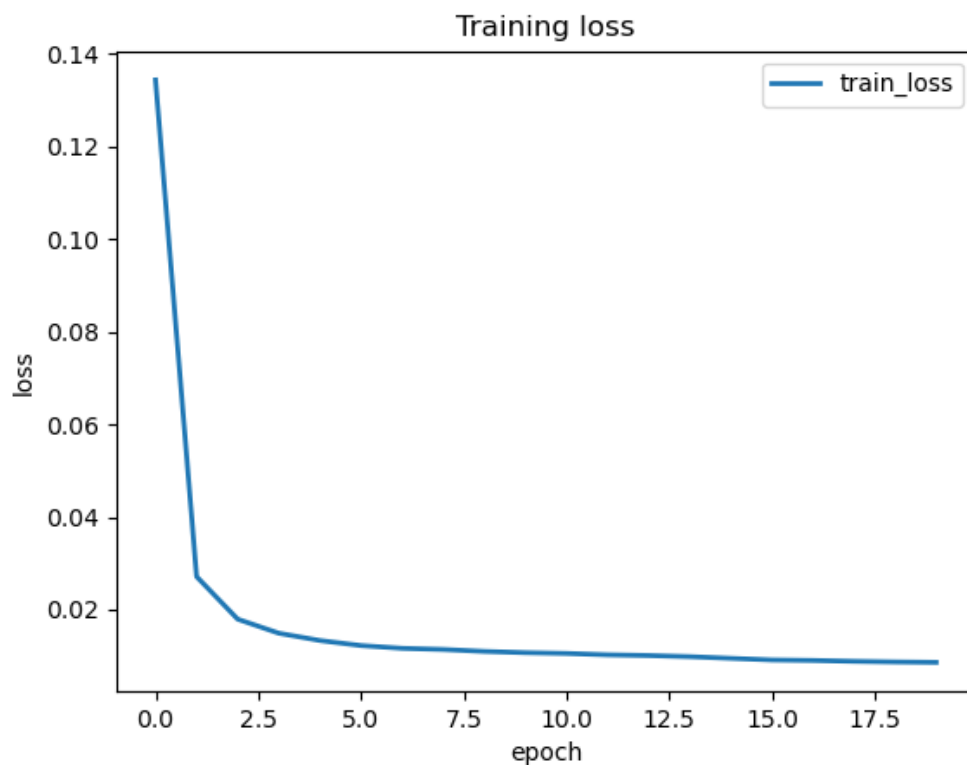MaxPool (kernel size = 2)
MaxUnpool (kernel size = 2)
DeConvolution (inchannel = 16, outchannel = 32, kernel size = 3) -> Relu
MaxUnpool (kernel size = 2)
DeConvolution (inchannel = 32, outchannel = 3, kernel size = 3) -> Relu

Loss Function: MSE

2.

3.

Center | gen1 | gen2 | gen3 | gen4 | gen5

Donut | gen1 | gen2 | gen3 | gen4 | gen5

Edge-Loc | gen1 | gen2 | gen3 | gen4 | gen5

Edge-Ring | gen1 | gen2 | gen3 | gen4 | gen5

| Loc | gen1 | gen2 | gen3 | gen4 | gen5 |

| Near-full | gen1 | gen2 | gen3 | gen4 | gen5 |

None gen1 gen2 gen3 gen4 gen5

Random gen1 gen2 gen3 gen4 gen5

Scratch gen1 gen2 gen3 gen4 gen5