

Epoch 1/5: 100%|██████████| 50/50 [07:49<00:00, 9.38s/it]

Epoch 1/5, Training Loss: 0.2554

Epoch 2/5: 100%|██████████| 50/50 [04:13<00:00, 5.07s/it]

Epoch 2/5, Training Loss: 0.2115

Epoch 3/5: 100%|██████████| 50/50 [04:08<00:00, 4.97s/it]

Epoch 3/5, Training Loss: 0.1951

Epoch 4/5: 100%|██████████| 50/50 [04:08<00:00, 4.97s/it]

Epoch 4/5, Training Loss: 0.1850

Epoch 5/5: 100%|██████████| 50/50 [04:08<00:00, 4.98s/it]

Epoch 5/5, Training Loss: 0.1774

Validation Loss: 0.3539 | IoU: 0.7529 | Dice: 0.8507

Failing to correctly predict upper half of images

With second layer

Epoch 1/5: 100%|██████████| 50/50 [02:48<00:00, 3.37s/it]

Epoch 1/5, Training Loss: 0.3310

Epoch 2/5: 100%|██████████| 50/50 [01:58<00:00, 2.38s/it]

Epoch 2/5, Training Loss: 0.1937

Epoch 3/5: 100%|██████████| 50/50 [01:58<00:00, 2.37s/it]

Epoch 3/5, Training Loss: 0.1408

Epoch 4/5: 100%|██████████| 50/50 [02:01<00:00, 2.43s/it]

Epoch 4/5, Training Loss: 0.1253

Epoch 5/5: 100%|██████████| 50/50 [01:57<00:00, 2.35s/it]

Epoch 5/5, Training Loss: 0.1059

Validation Loss: 0.2923 | IoU: 0.8487 | Dice: 0.9136

With use_residual = true

Epoch 1/5: 100% 50/50 [02:02<00:00, 2.45s/it]

Epoch 1/5, Training Loss: 0.2987

Epoch 2/5: 100% 50/50 [01:58<00:00, 2.36s/it]

Epoch 2/5, Training Loss: 0.1844

Epoch 3/5: 100% 50/50 [01:58<00:00, 2.37s/it]

Epoch 3/5, Training Loss: 0.1301

Epoch 4/5: 100% 50/50 [02:00<00:00, 2.41s/it]

Epoch 4/5, Training Loss: 0.1072

Epoch 5/5: 100% 50/50 [02:02<00:00, 2.46s/it]

Epoch 5/5, Training Loss: 0.0949

Validation Loss: 0.2826 | IoU: 0.8702 | Dice: 0.9229