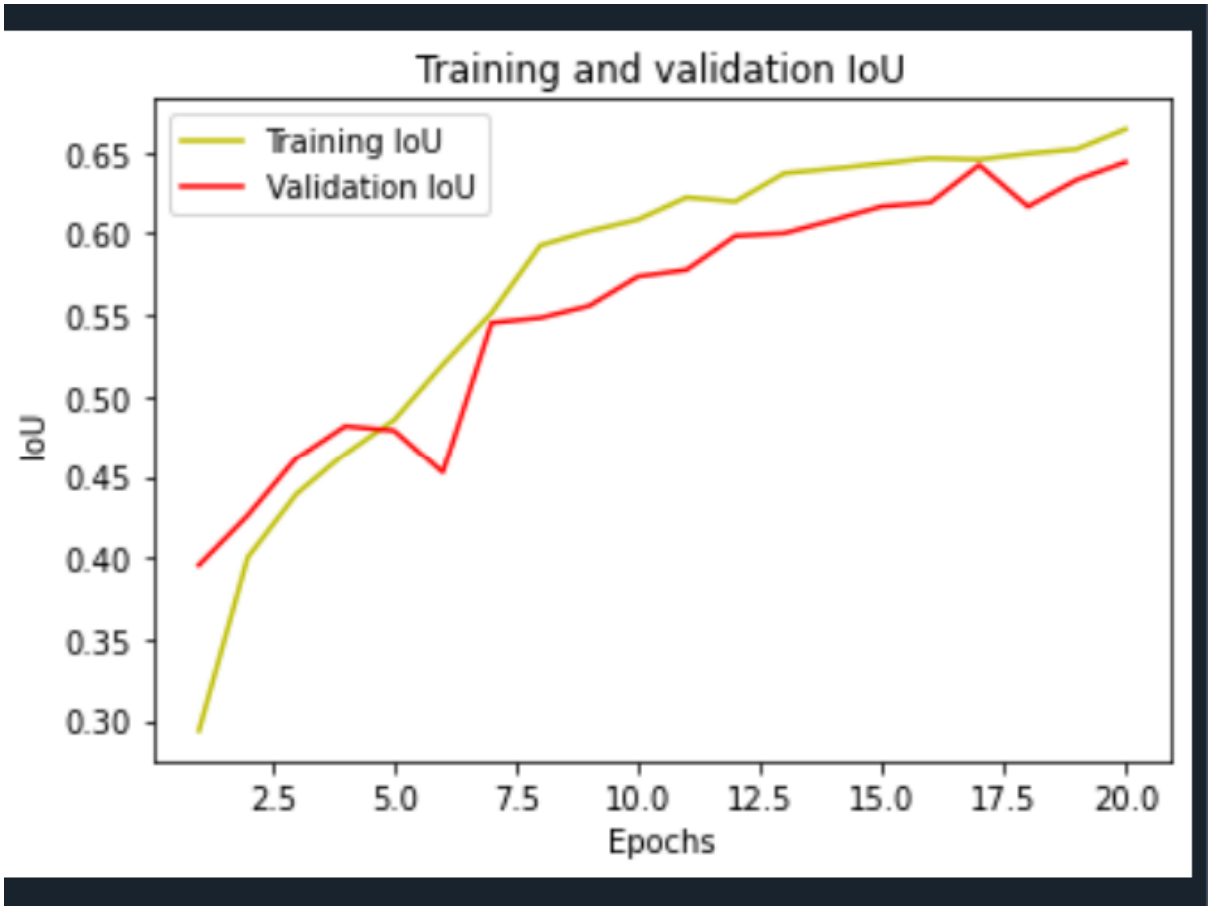
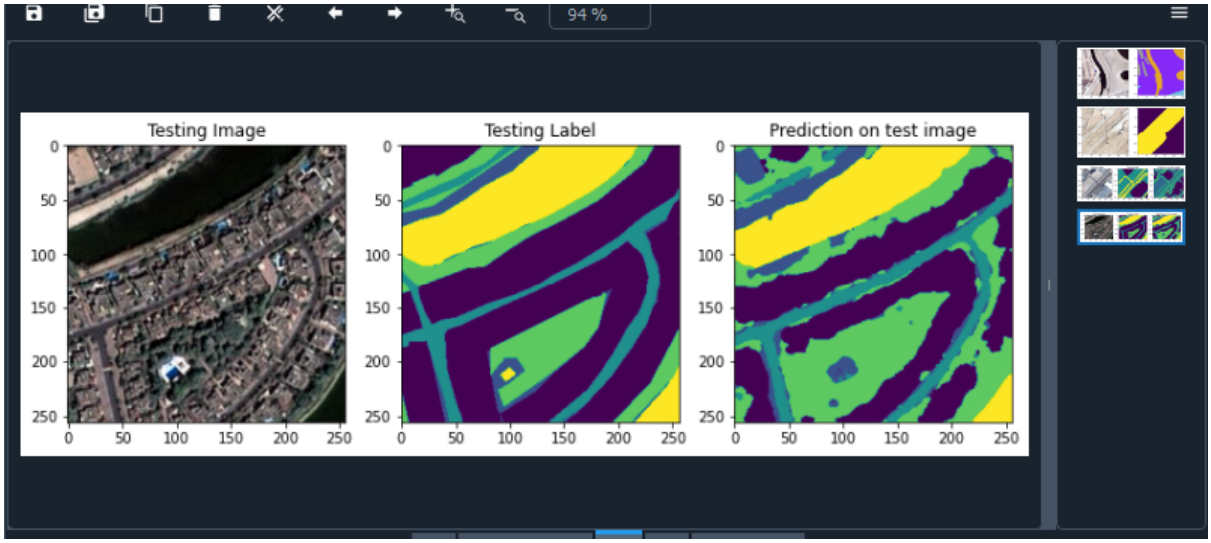
hackathon

```
                                shuffle=False)
Epoch 1/20
66/66 [==============================] - 327s 5s/step - loss: 0.9898 - accuracy: 0.5693 - jacard_coef: 0.2937
- val_loss: 0.9672 - val_accuracy: 0.6688 - val_jacard_coef: 0.3954
Epoch 2/20
66/66 [==============================] - 332s 5s/step - loss: 0.9668 - accuracy: 0.6658 - jacard_coef: 0.4001
- val_loss: 0.9651 - val_accuracy: 0.6755 - val_jacard_coef: 0.4260
Epoch 3/20
66/66 [==============================] - 338s 5s/step - loss: 0.9591 - accuracy: 0.6988 - jacard_coef: 0.4392
- val_loss: 0.9584 - val_accuracy: 0.7082 - val_jacard_coef: 0.4616
Epoch 4/20
66/66 [==============================] - 325s 5s/step - loss: 0.9543 - accuracy: 0.7167 - jacard_coef: 0.4644
- val_loss: 0.9582 - val_accuracy: 0.7200 - val_jacard_coef: 0.4817
Epoch 5/20
66/66 [==============================] - 360s 5s/step - loss: 0.9505 - accuracy: 0.7328 - jacard_coef: 0.4854
- val_loss: 0.9639 - val_accuracy: 0.7014 - val_jacard_coef: 0.4789
Epoch 6/20
66/66 [==============================] - 335s 5s/step - loss: 0.9436 - accuracy: 0.7542 - jacard_coef: 0.5196
- val_loss: 0.9674 - val_accuracy: 0.6823 - val_jacard_coef: 0.4526
Epoch 7/20
66/66 [==============================] - 329s 5s/step - loss: 0.9377 - accuracy: 0.7734 - jacard_coef: 0.5513
- val_loss: 0.9412 - val_accuracy: 0.7611 - val_jacard_coef: 0.5452
Epoch 8/20
66/66 [==============================] - 337s 5s/step - loss: 0.9297 - accuracy: 0.7993 - jacard_coef: 0.5928
- val_loss: 0.9430 - val_accuracy: 0.7560 - val_jacard_coef: 0.5482
Epoch 9/20
66/66 [==============================] - 320s 5s/step - loss: 0.9276 - accuracy: 0.8043 - jacard_coef: 0.6015
- val_loss: 0.9397 - val_accuracy: 0.7654 - val_jacard_coef: 0.5556
Epoch 10/20
66/66 [==============================] - 332s 5s/step - loss: 0.9259 - accuracy: 0.8084 - jacard_coef: 0.6086
- val_loss: 0.9387 - val_accuracy: 0.7691 - val_jacard_coef: 0.5737
Epoch 11/20
66/66 [==============================] - 332s 5s/step - loss: 0.9227 - accuracy: 0.8160 - jacard_coef: 0.6223
- val_loss: 0.9408 - val_accuracy: 0.7661 - val_jacard_coef: 0.5778
Epoch 12/20
66/66 [==============================] - 320s 5s/step - loss: 0.9231 - accuracy: 0.8146 - jacard_coef: 0.6197
- val_loss: 0.9328 - val_accuracy: 0.7863 - val_jacard_coef: 0.5986
Epoch 13/20
66/66 [==============================] - 331s 5s/step - loss: 0.9195 - accuracy: 0.8247 - jacard_coef: 0.6370
- val_loss: 0.9354 - val_accuracy: 0.7851 - val_jacard_coef: 0.6002
Epoch 14/20
66/66 [==============================] - 322s 5s/step - loss: 0.9186 - accuracy: 0.8264 - jacard_coef: 0.6399
- val_loss: 0.9323 - val_accuracy: 0.7912 - val_jacard_coef: 0.6082
Epoch 15/20
66/66 [==============================] - 327s 5s/step - loss: 0.9178 - accuracy: 0.8279 - jacard_coef: 0.6430
```

epoch train

Training and validation loss
Training loss
Validation loss
Loss
0.99
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0.91
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Epochs


Training and validation IoU
Training IoU
Validation IoU
IoU
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Epochs


94 %
Testing Image
Testing Label
Prediction on test image
0
50
100
150
200
250