



Image Segmentation

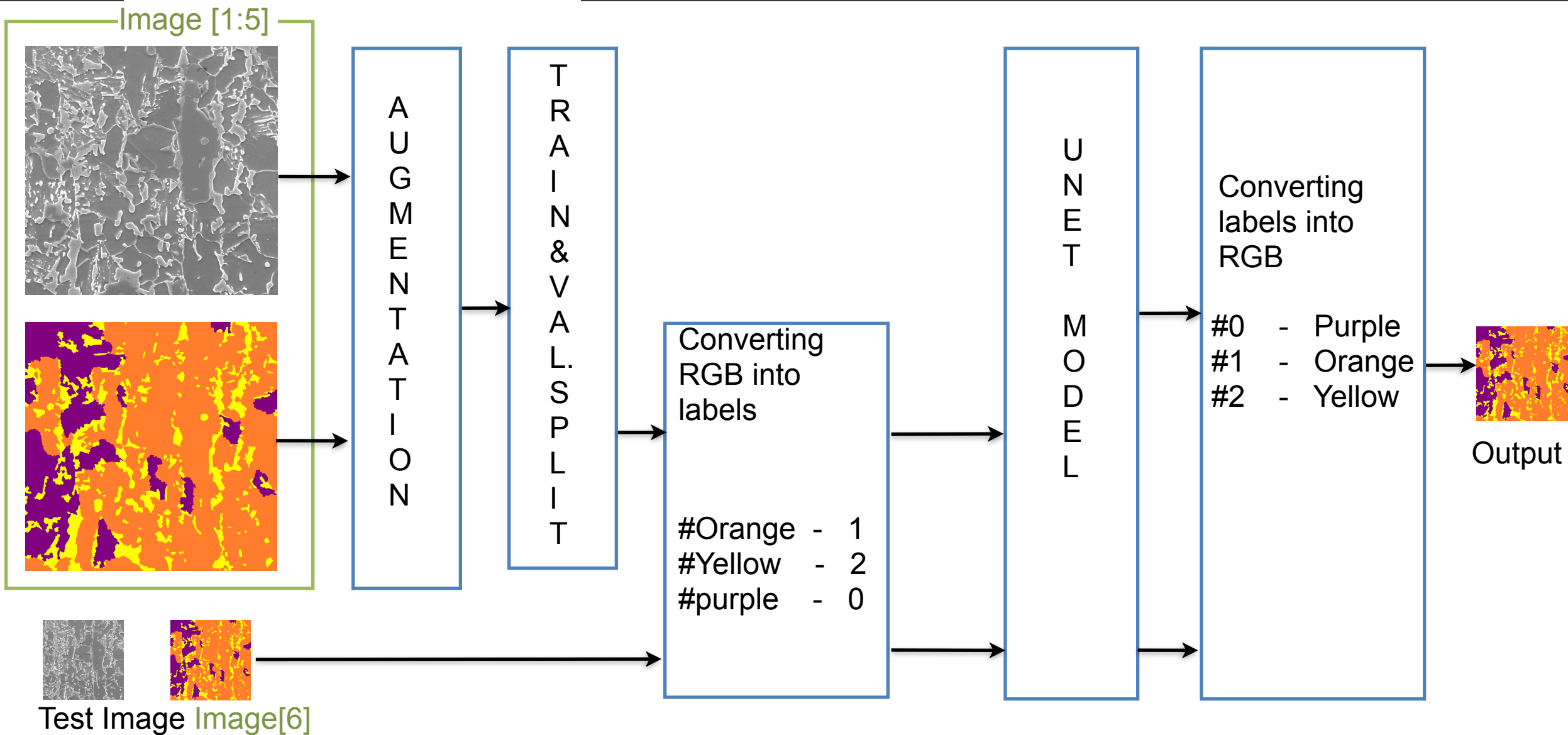
Progress Report



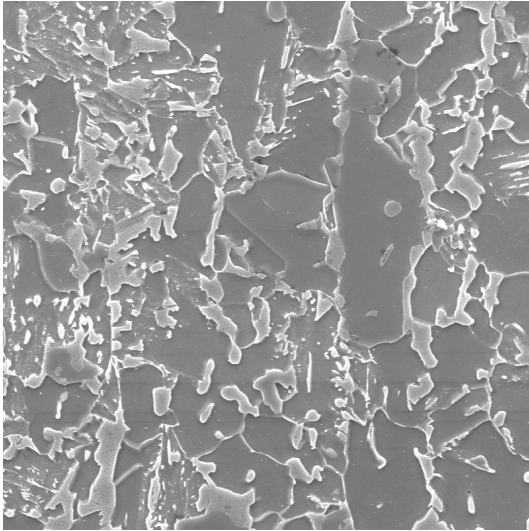
Bishal



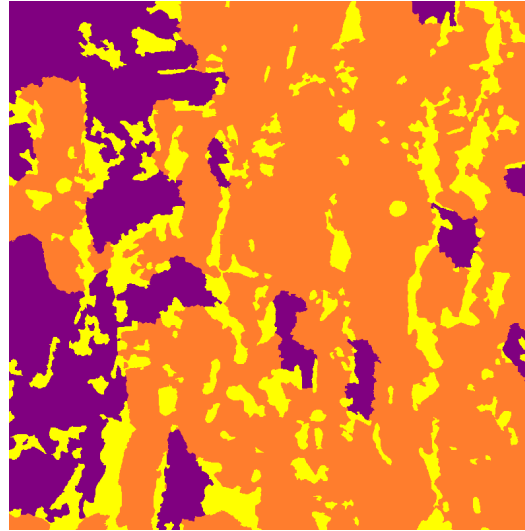
Model Flow



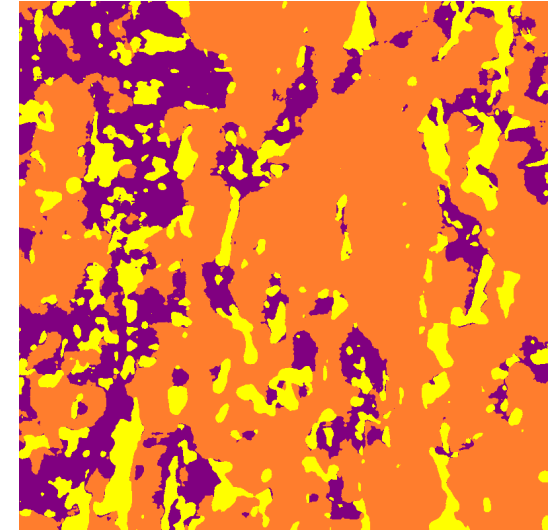
Experiment Output



Random Input Test image



Corresponding Label Image



Predicted Image

Validation mIOU - 0.3927
Validation Acc - 88.64
Test Accuracy - 79.10
Dice Coefficient - 0.7809
Training mIOU
Training Accuracy- 91.68

Inference with other types

	Avg (10)	Avg (8)	(1)	(1)	(1)
	x3000	x5000	typeA	typeB	typeC
Current Model	89.18	80.84	76.05	47.61	67.89
Prev. Model	75.81	79.29	74.83	55.71	67.52

Accuracy Percentage

Epochs - 200

Train Image Size - 800x800

Test Image Size - 1500x1500

Inference with other types

	Avg (10)	Avg (8)	(1)	(1)	(1)
	x3000	x5000	typeA	typeB	typeC
Current Model	0.8838	0.7984	0.7505	0.4671	0.6593
Prev. Model	0.7514	0.7845	0.7324	0.5944	0.6252

DICE coefficient

Epochs - 200

Train Image Size - 800x800

Test Image Size - 1500x1500

Thank You