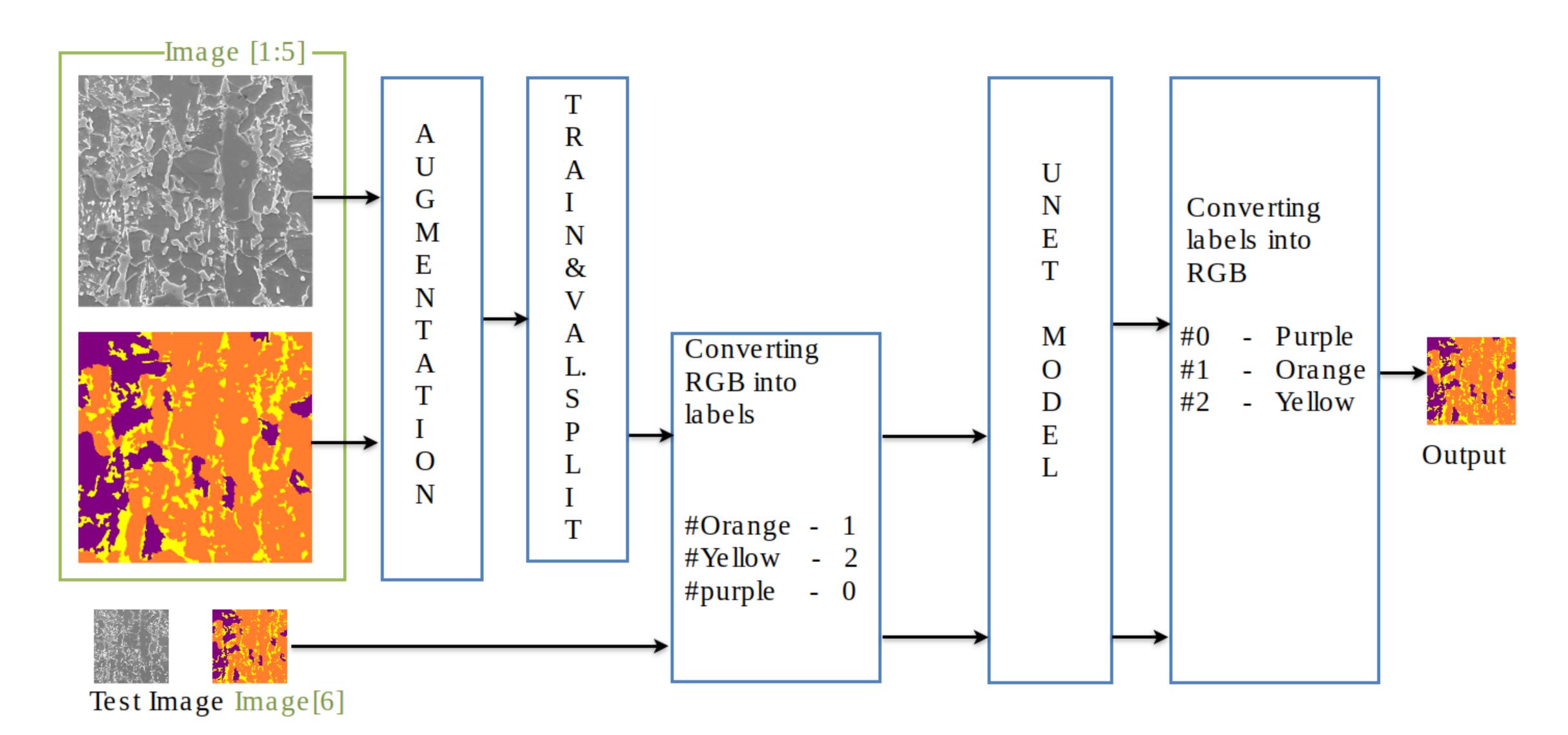
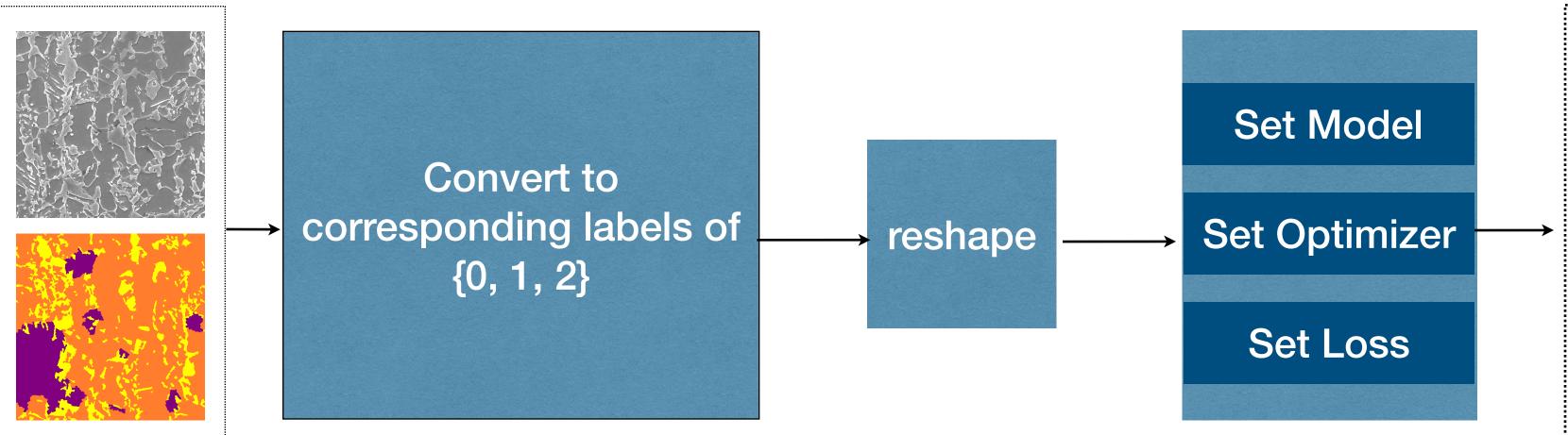
Steel Segmentation

2023 Apr 12

Rundown



Model Outlook



Input Images

Setup

kernel size - 3

Batch Size - 16

Learning Rate - 0.00001

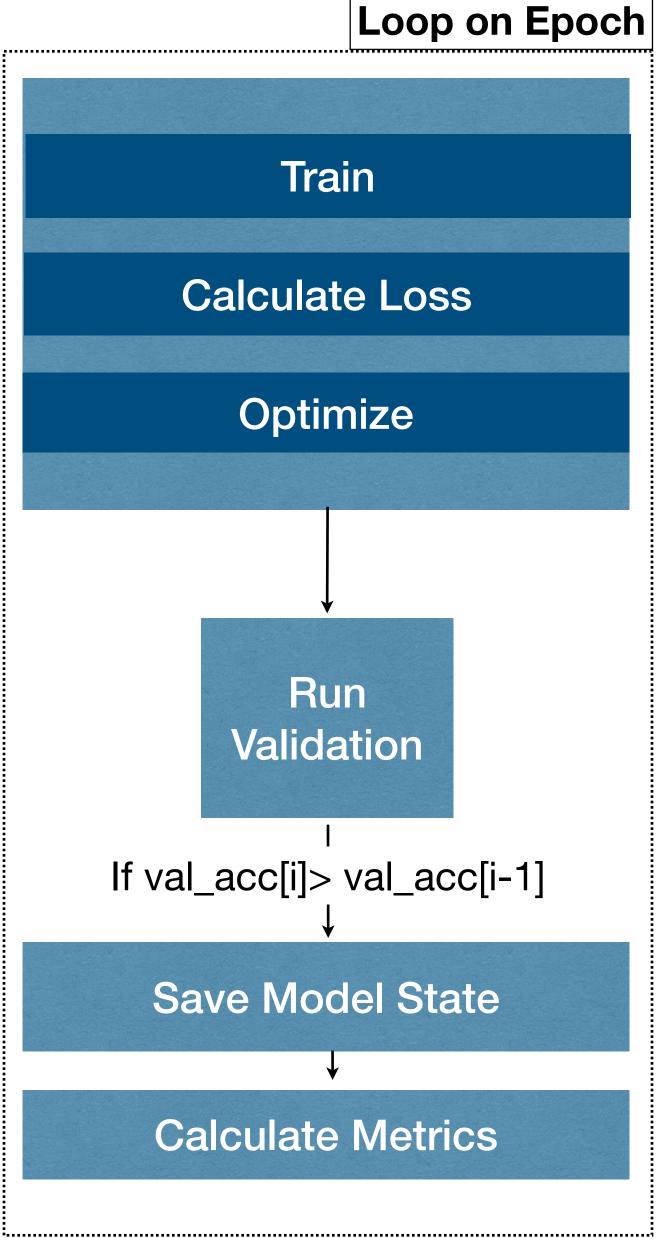
Channel - 16

Depth - 4

Model UNET
Optimizer Adam
Loss Focal (0.25)

Metrics

Loss, Confusion Matrix, mloU, Accuracy



Schedule

Training model and comparing results of different anti effects with ReLU activation function

There are 3 anti types - {down, up, down&up} - (15 hours each for training) Apr 14

Training Model with attention Apr 15

Training Model with 4-Class classification

I will be fixing code during the ReLU training and perform the experiment on Apr 17 Apr 18

Multi-Parts Presence paper - Complete Draft (Except Reference) Apr 20

Steel Segmentation with Transfer Learning

Apr 25