Semantic Segmentation with UNET

Clayton W. Seitz

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UNET Architecture

Training and Performance Metrics

Pixel Accuracy:

$$PA = \frac{TP + TN}{TP + TN + FP + FN}$$

DICE Metric:

$$DICE = \frac{TP}{2TP + FP + FN}$$

Precision:

$$P = \frac{TP}{TP + FP}$$

Recall:

$$R = \frac{TP}{TP + FN}$$