

Hands-on: MONAI Framework

Medical Transforms

Specialized augmentation pipeline. Intensity normalization, resampling, cropping

Pre-built Networks

DenseNet, SegResNet, UNETR. Optimized for medical imaging

Loss Functions

DiceLoss, FocalLoss, TverskyLoss. Handle class imbalance

Metrics

Mean Dice, Hausdorff distance. Standard medical imaging metrics

Deployment

MONAI Deploy for production. Integration with PACS and inference servers