

DATA WRANGLING

DICOM DATASET CLEANING



DICOM TO NUMPY
FEATURE EXTRACTION
FOR TRAINING



TRAINING DATASET
(NUMPY ARRAYS)



MODEL TRAINING

DATA LOADER
(NUMPY PATHS TO
INPUT/OUTPUT PAIRS)



DATA AUGMENTATION
(ON THE FLY)



MODEL ARCHITECTURE
(U-NET)



PERFORMANCE AND LOSS
METRICS



TRAINING LOOP
WEIGHT AND HYPER-
PARAMETER TUNING



DEPLOYMENT

DICOM NETWORKING
(SCU AND SCP)



RT STRUCTURE FILE