

## 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