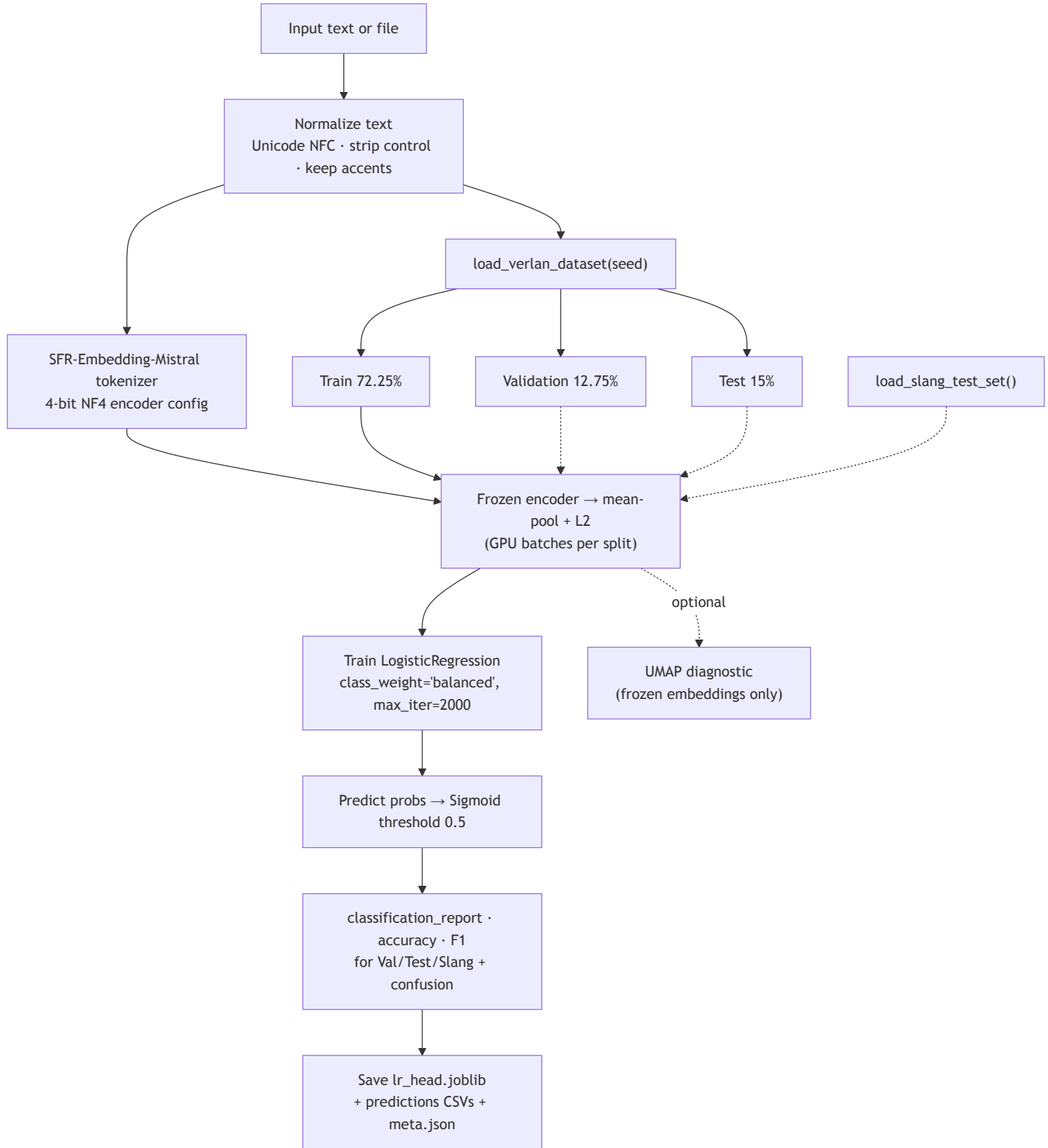


# Detect Pipeline Variants

Each experiment starts from the same normalization and dataset utilities, then diverges in how the encoder and classification head are handled. The diagrams below capture each training script separately.

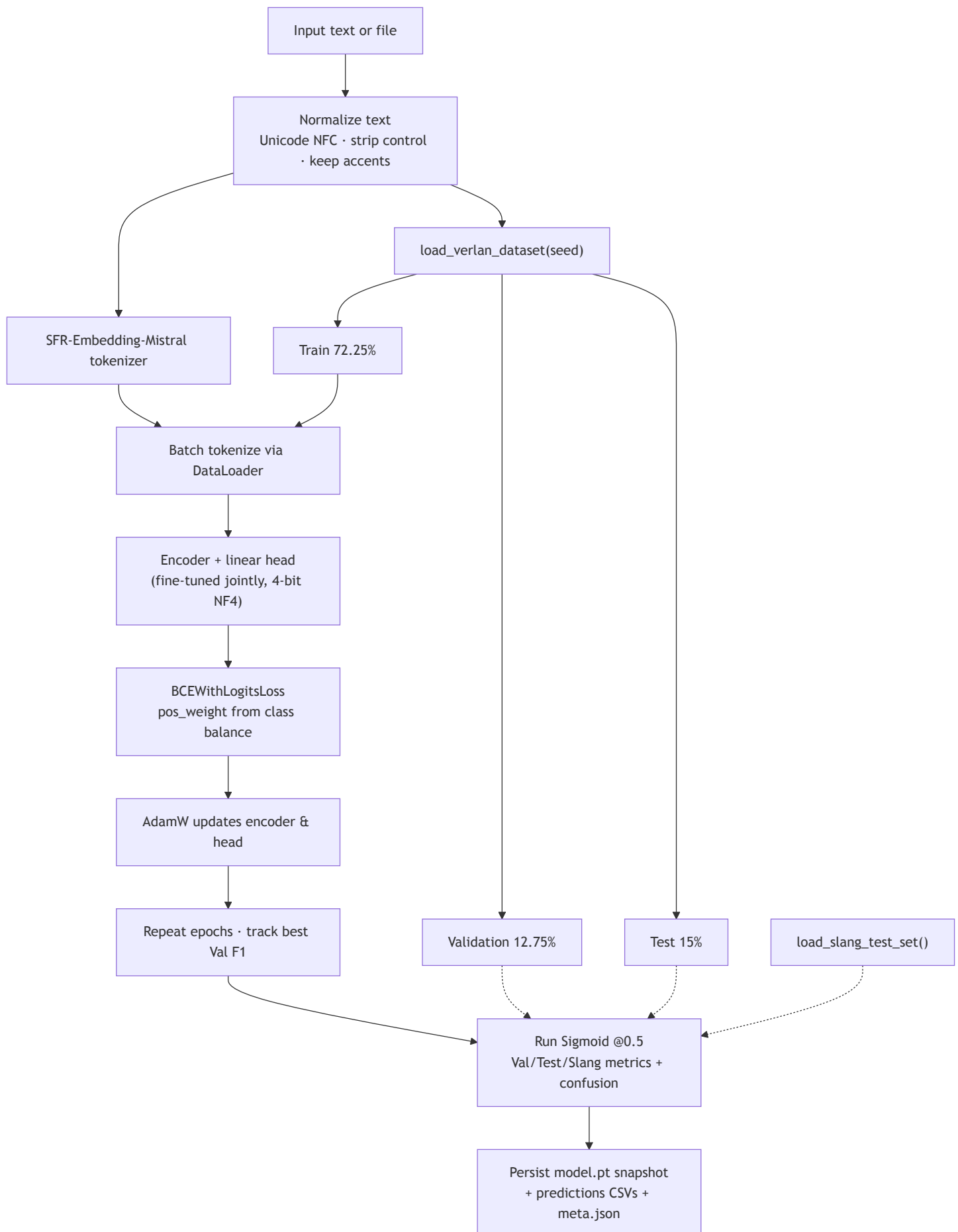
# Frozen Encoder + Logistic Regression

( `src/detect/detect_train_lr.py` )



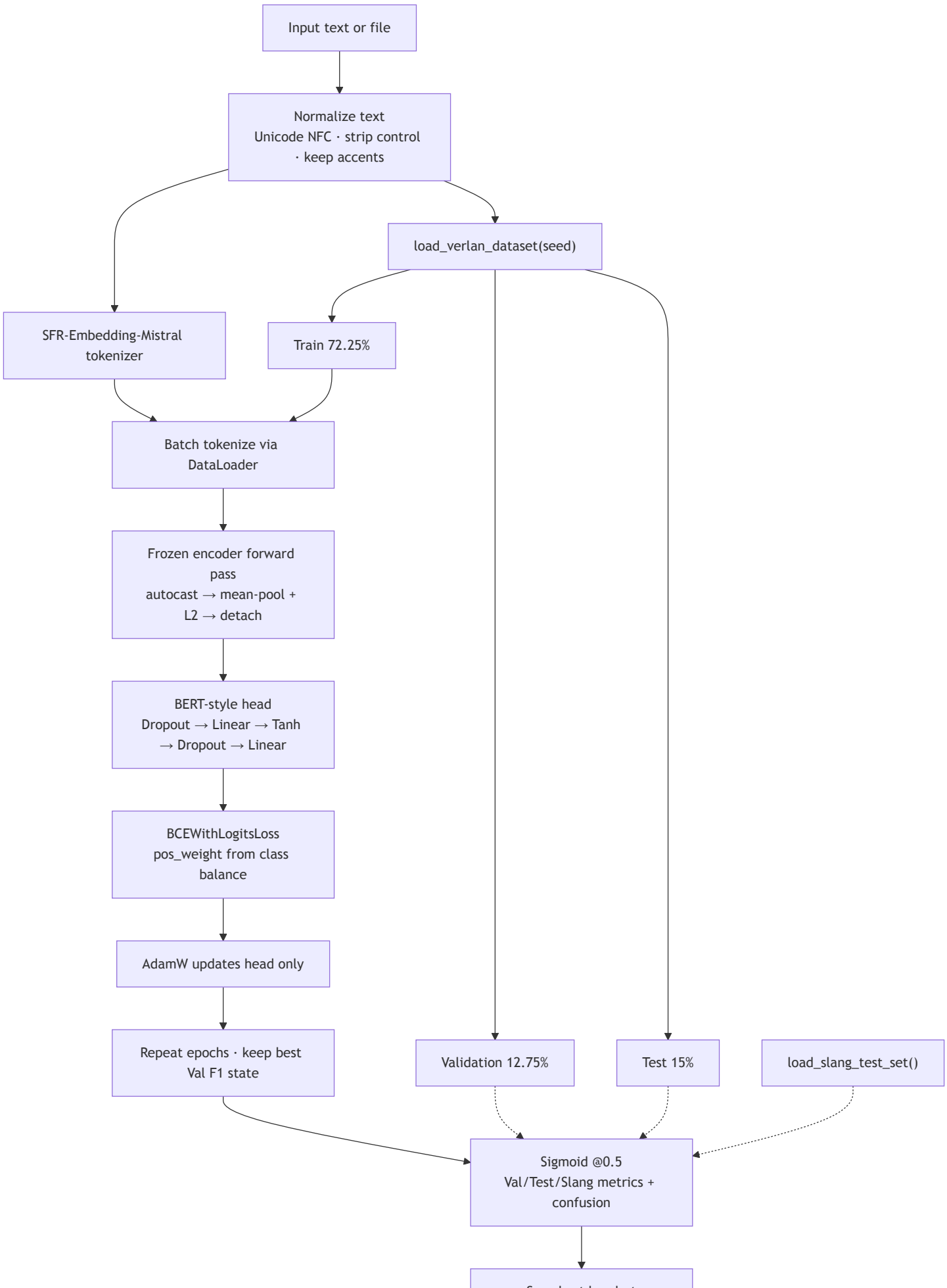
# End-to-End Linear Head

**( src/detect/detect\_train\_lr\_e2e.py )**



# Frozen Encoder + BERT-Style Head

**( src/detect/detect\_train\_bert.py )**





Save best head.pt  
+ predictions CSVs +  
meta.json

## End-to-End BERT-Style Head

**( src/detect/detect\_train\_bert\_e2e.py )**

