

Loading Preprocessing Data

Chapter 13

Hector Williams

X_train

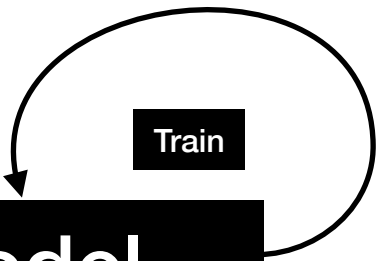
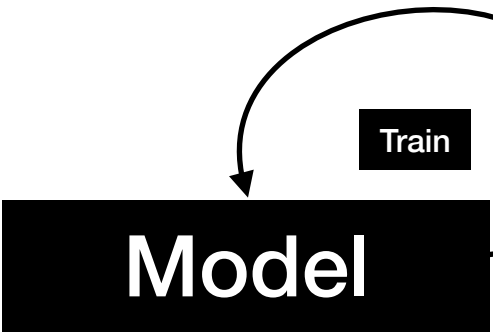
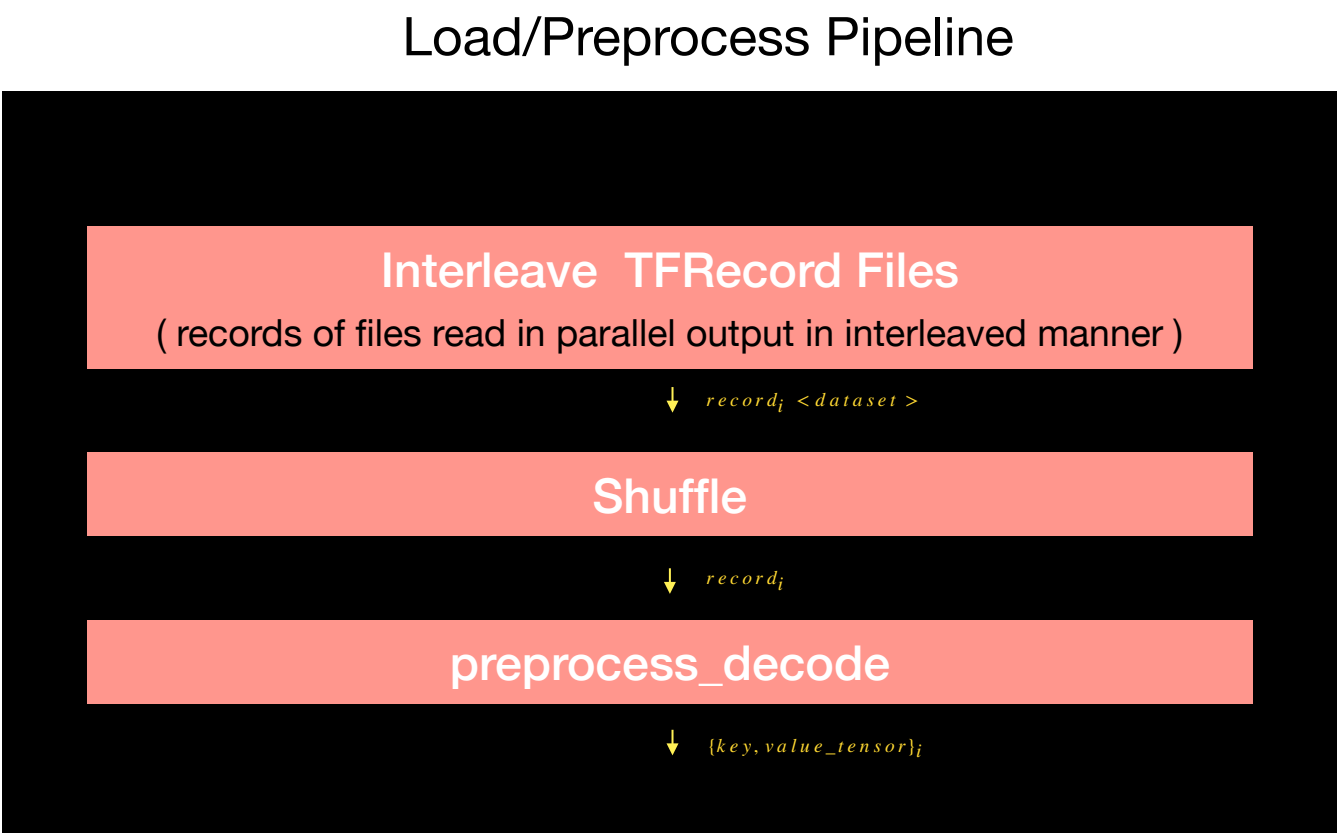
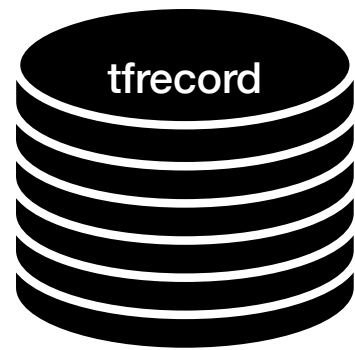
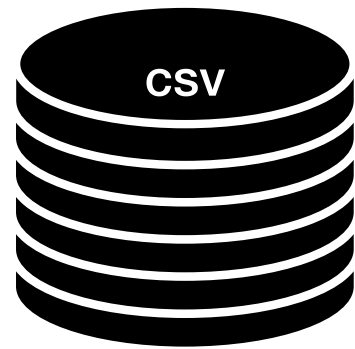
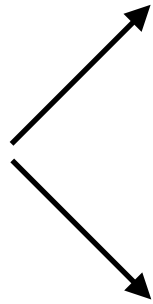
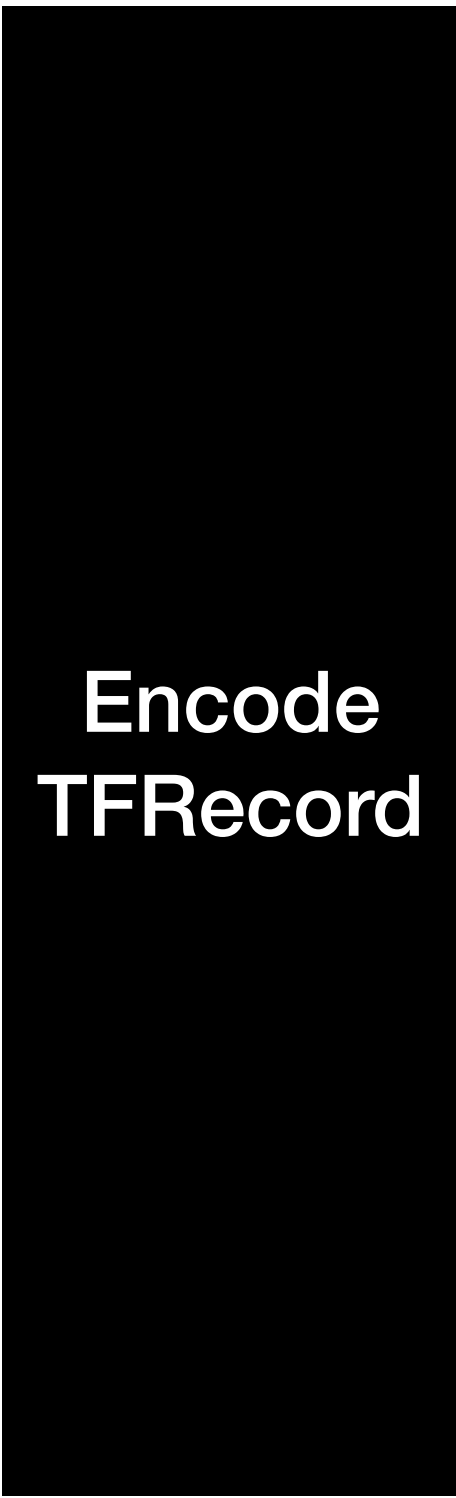
y_train

X_test

y_test

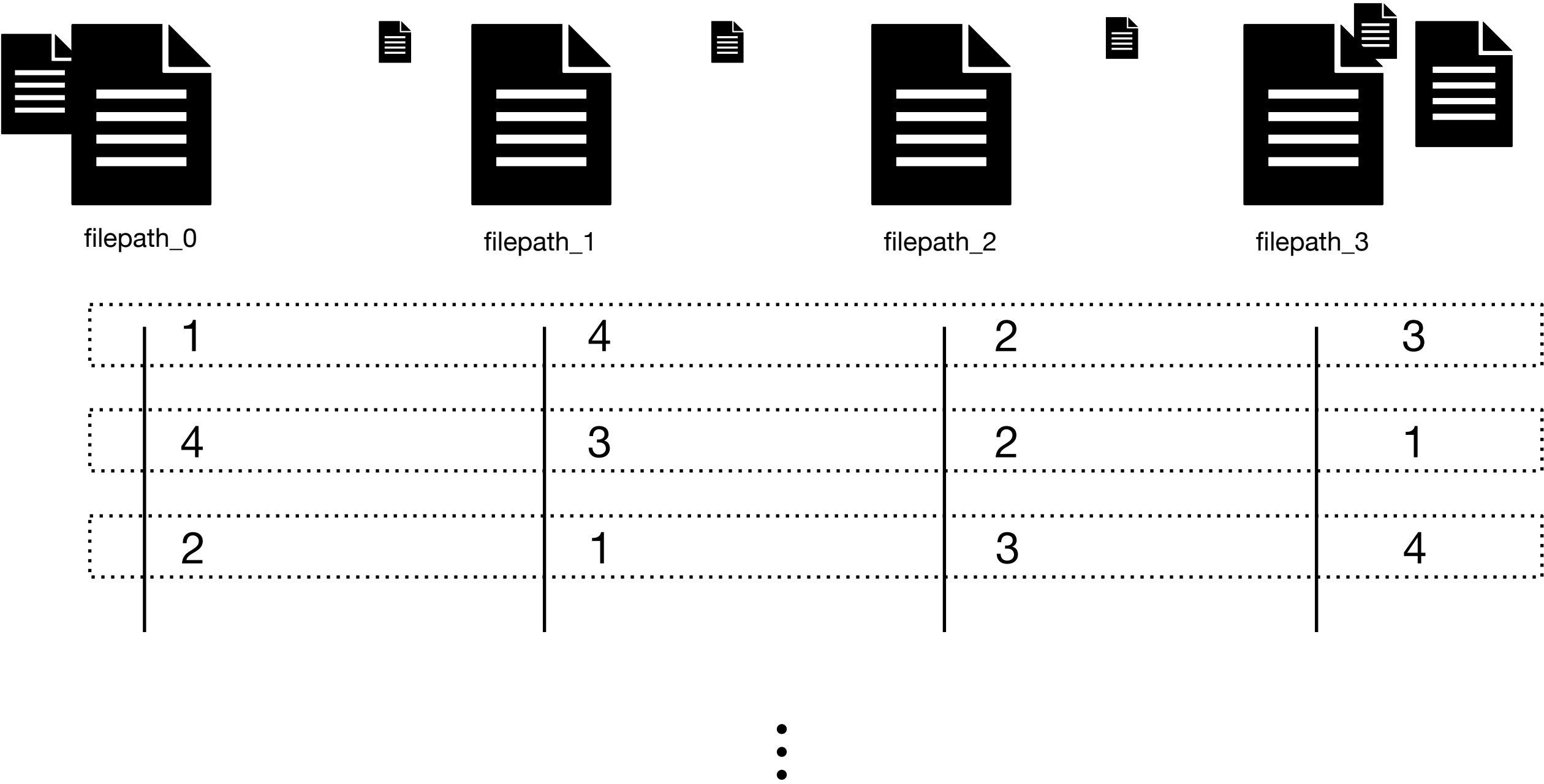
X_valid

y_valid

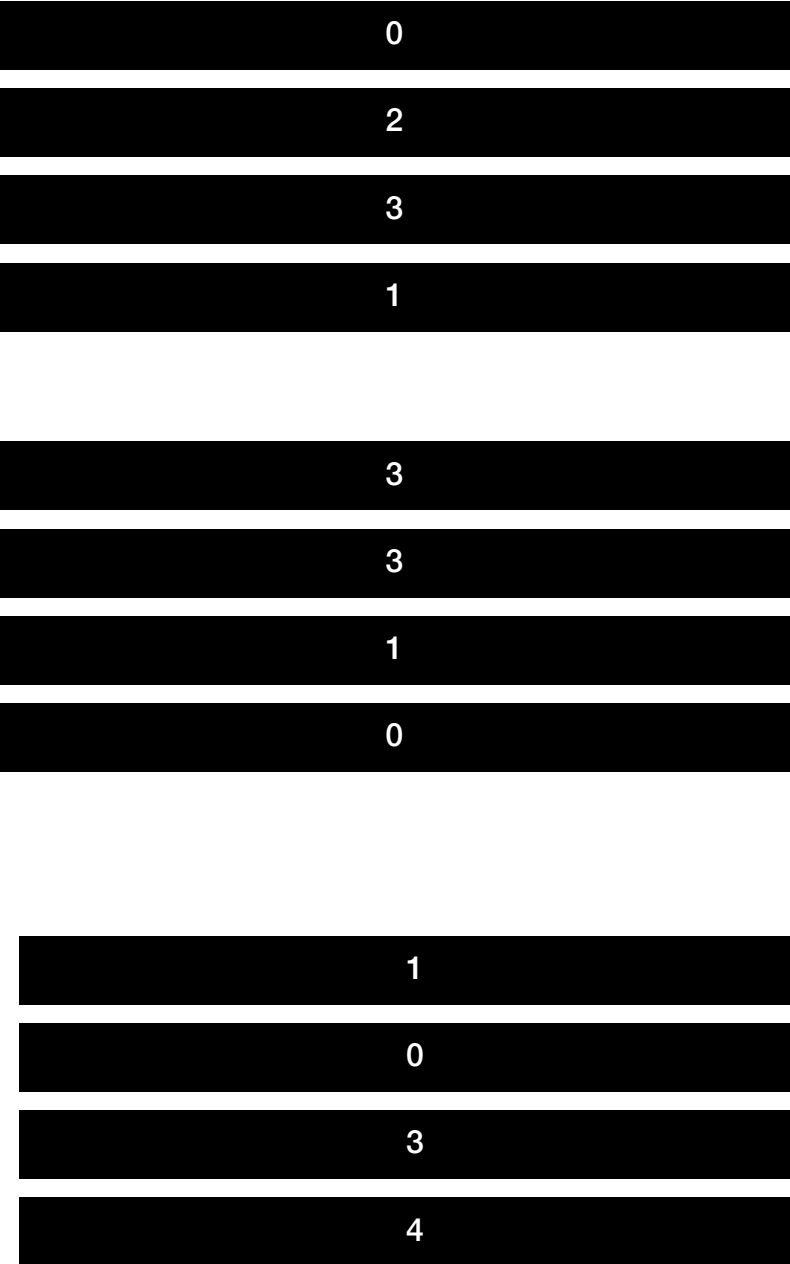


Interleave TFRecord Files
(records of files read in parallel are output in interleaved manner)

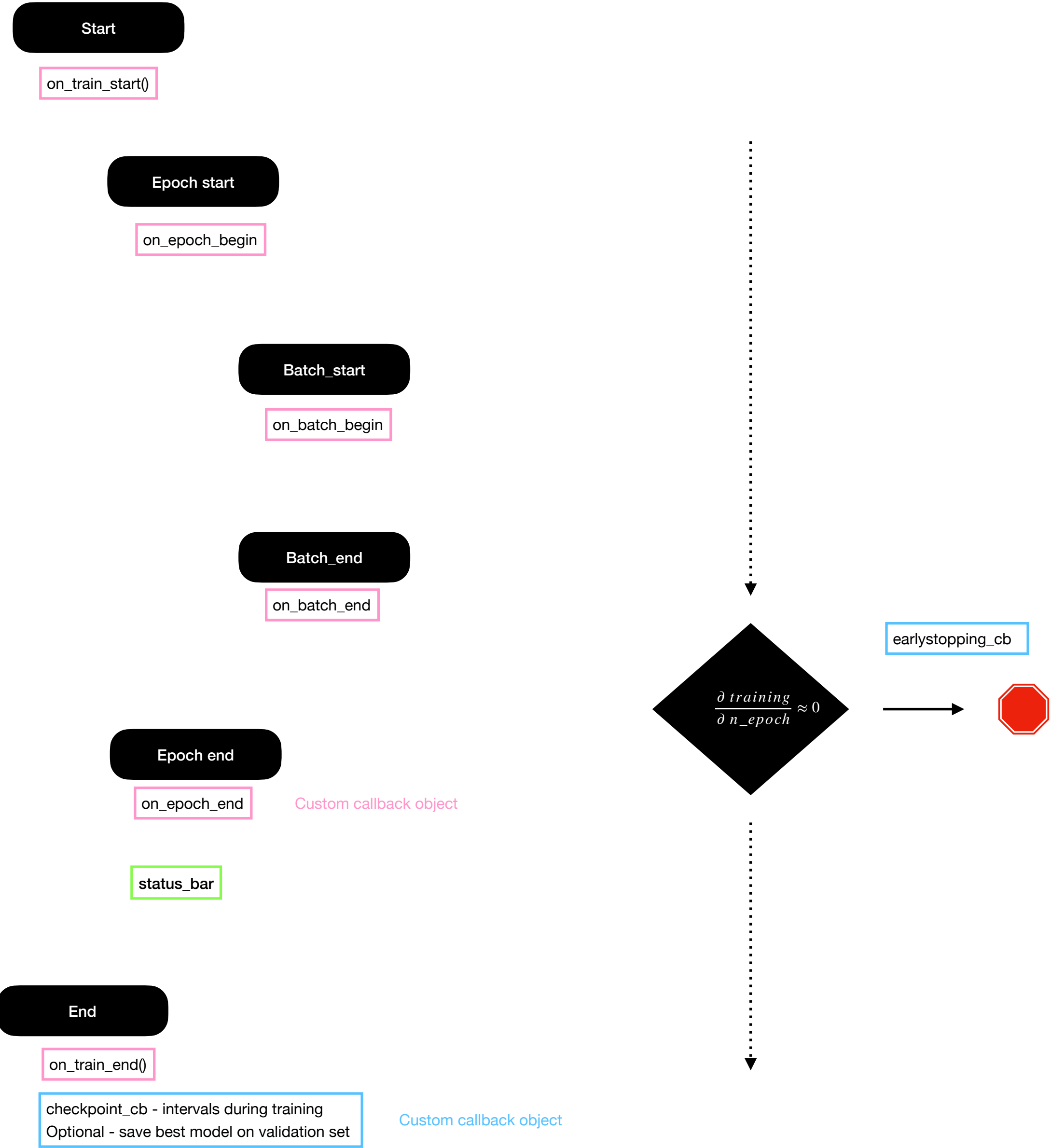
n_parrallel_reads = 4



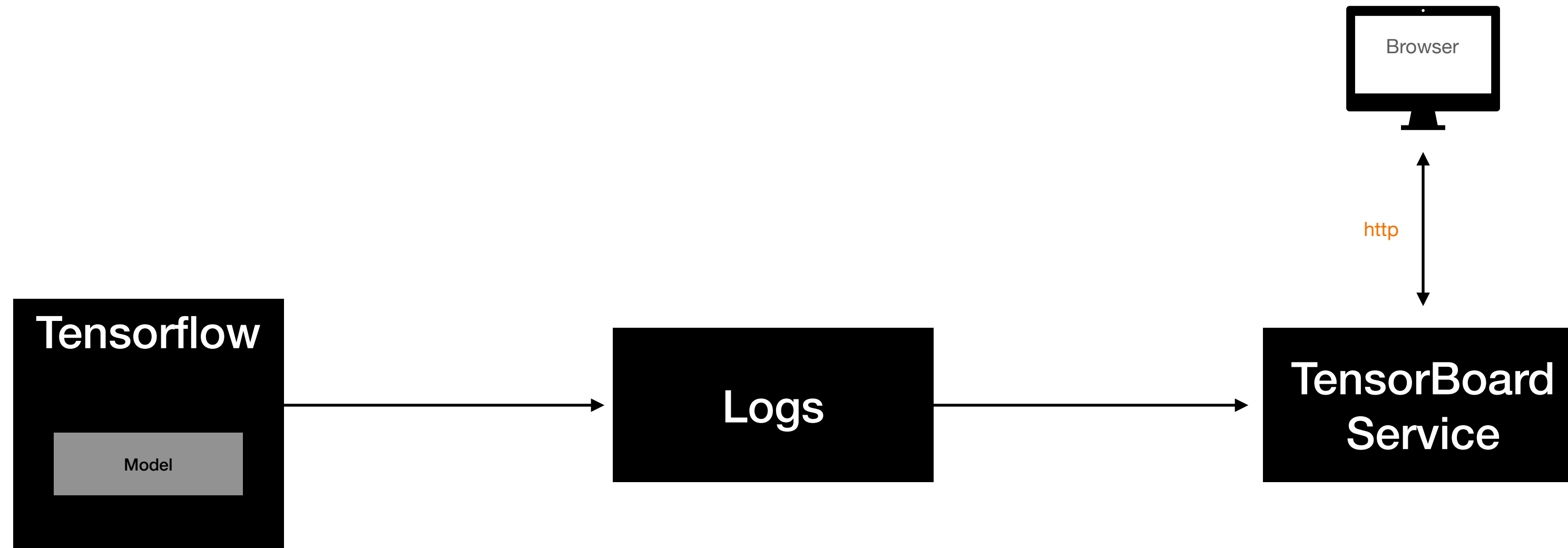
TFRecord Dataset



Using Callbacks

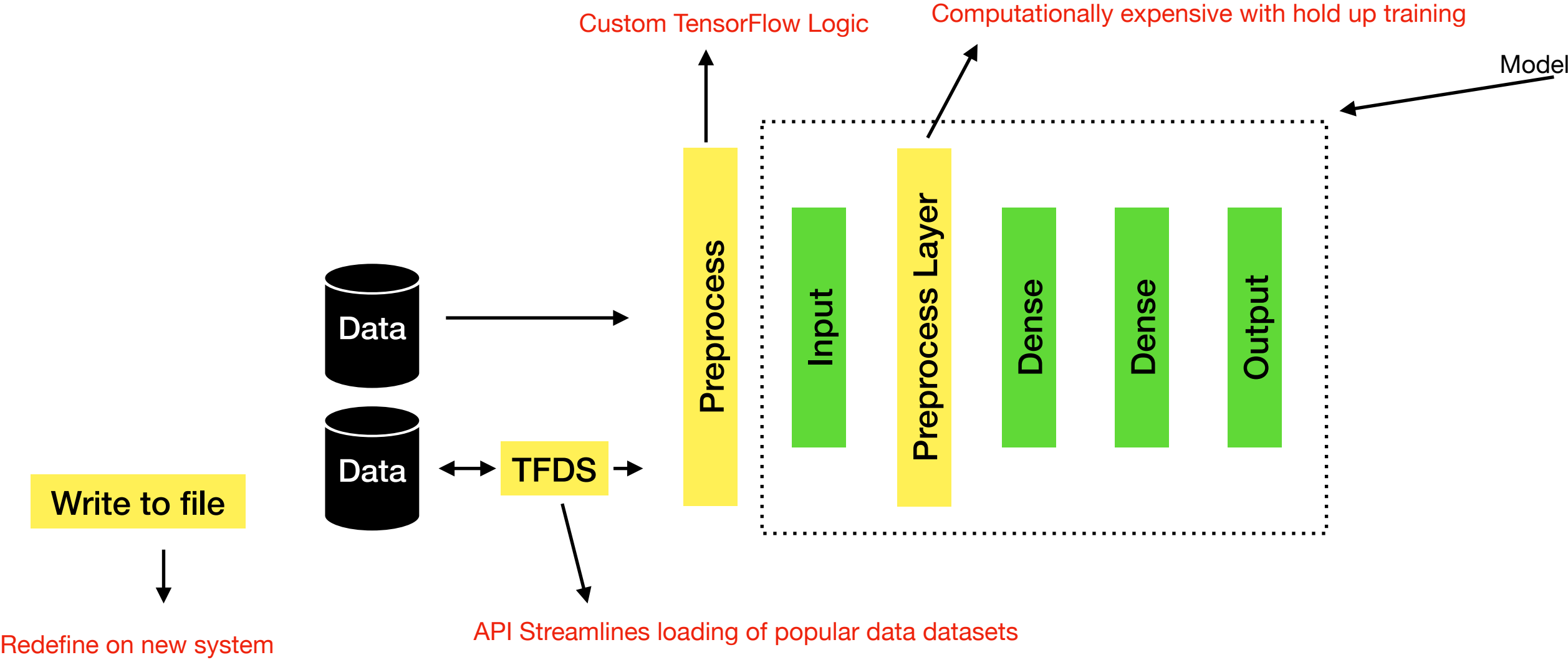


Using TensorBoard

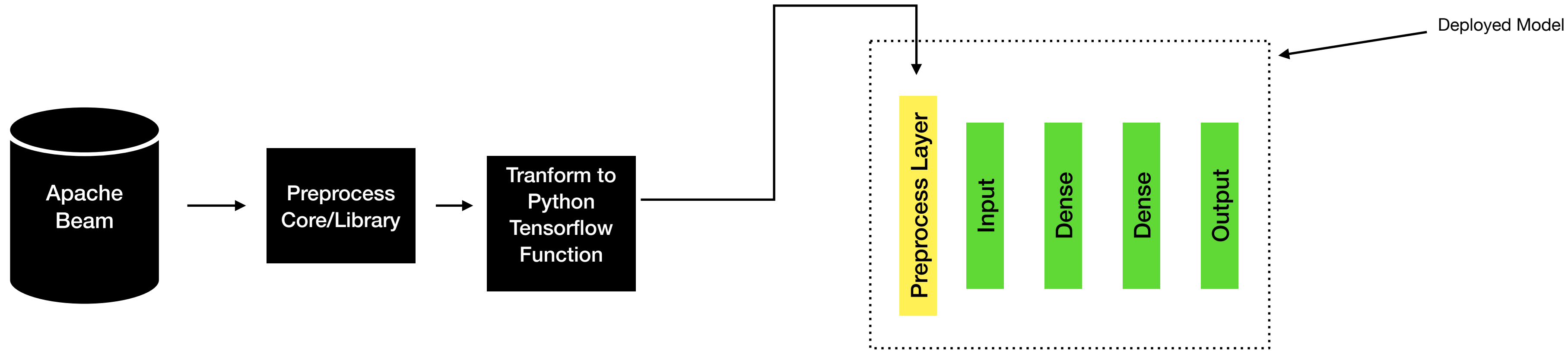


Preprocessing Options

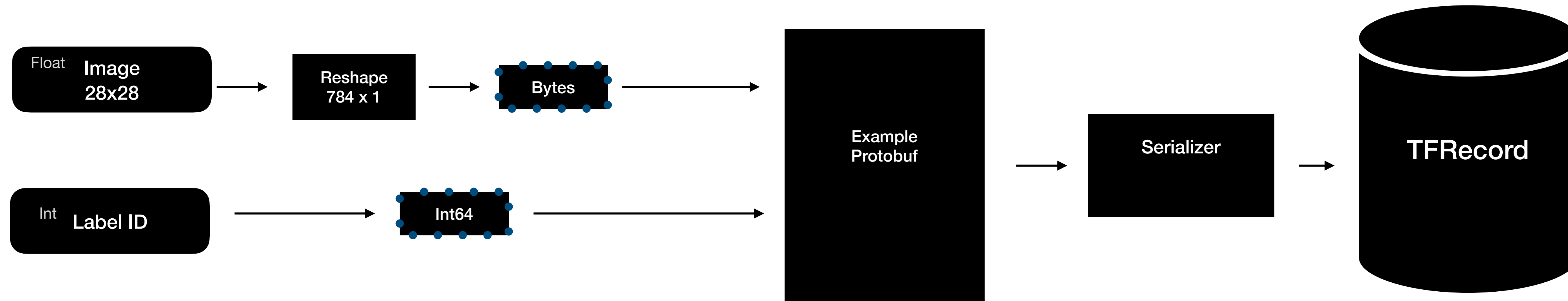
*Preprocessing option



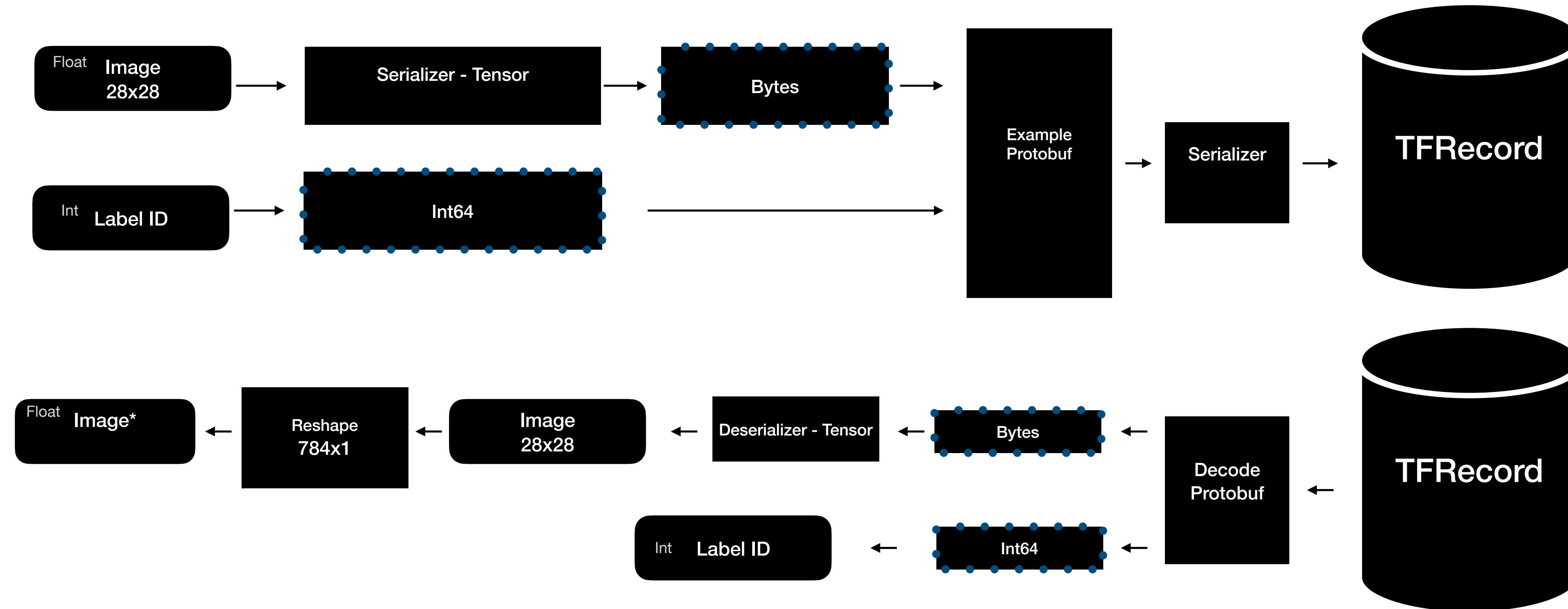
Preprocessing Options



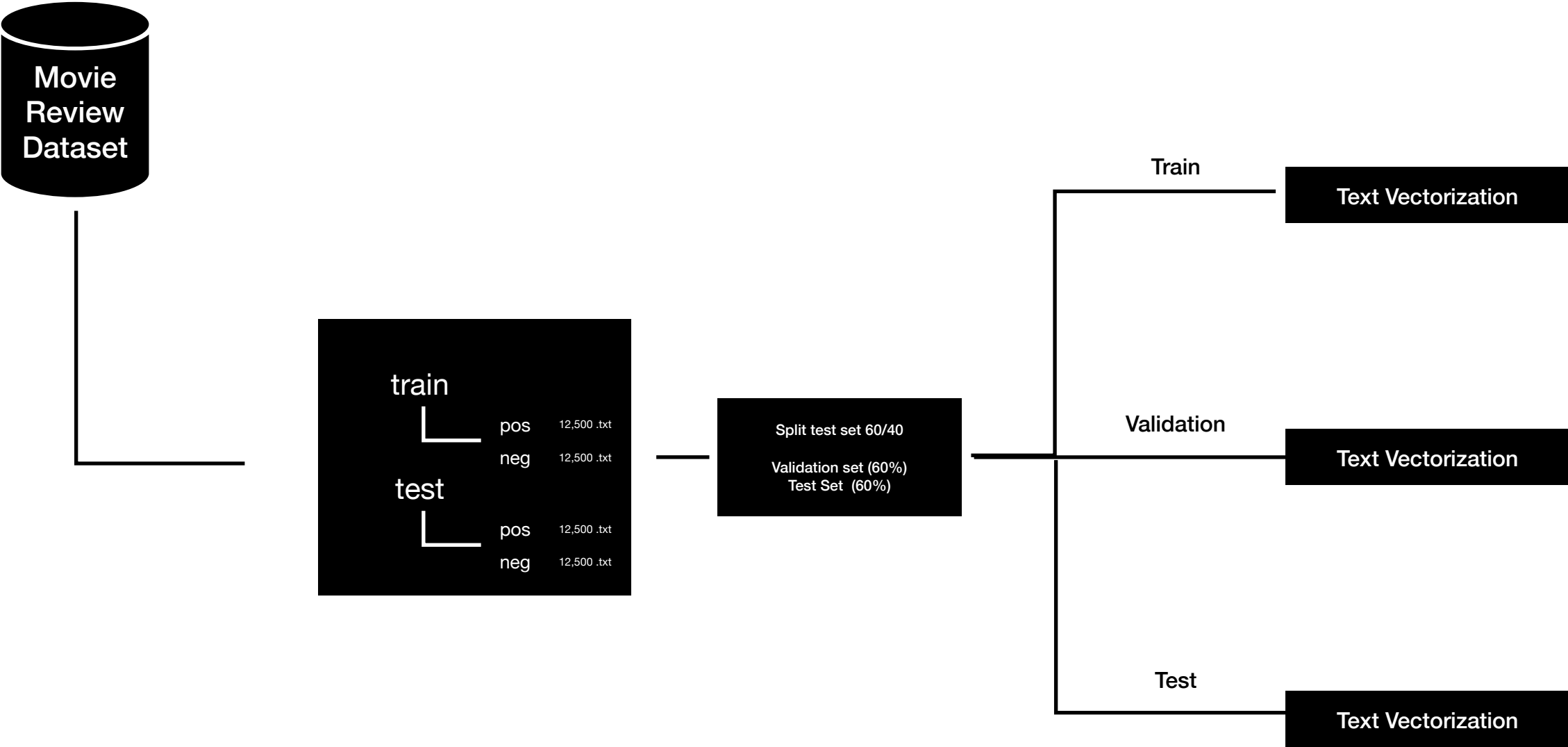
Load Case 1



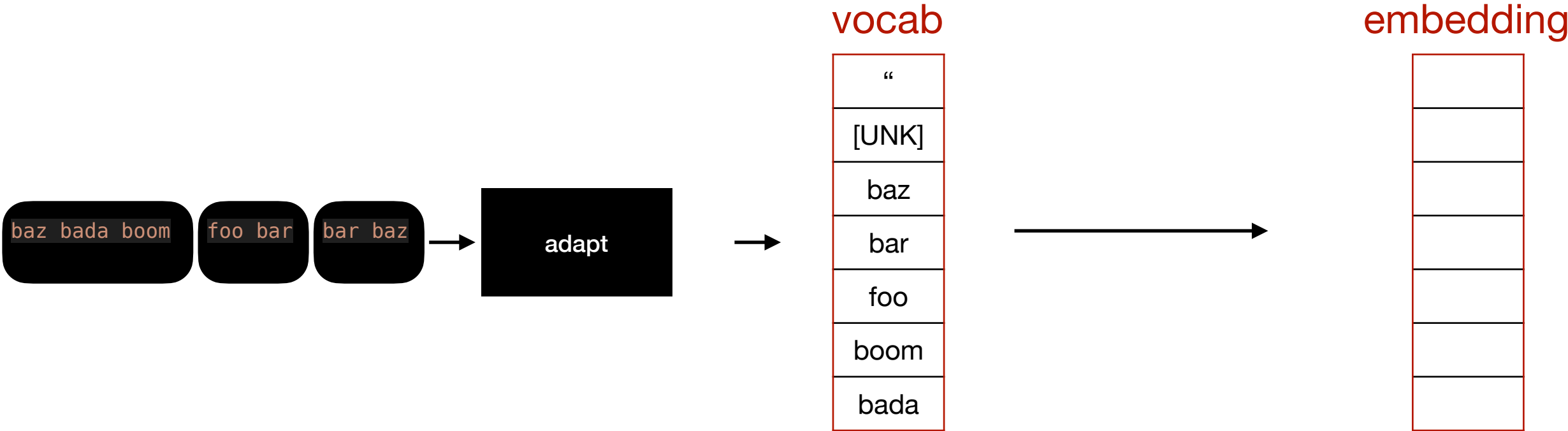
Load Case 2



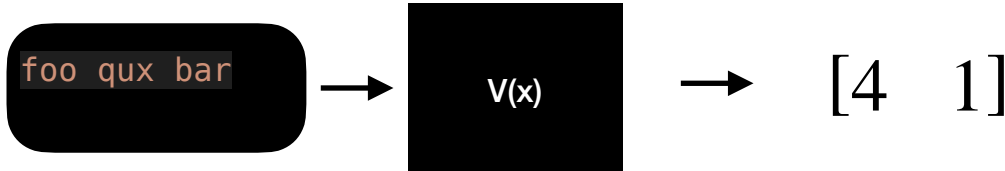
Exercise 10



Text Vectorization



2 Channel Sequence

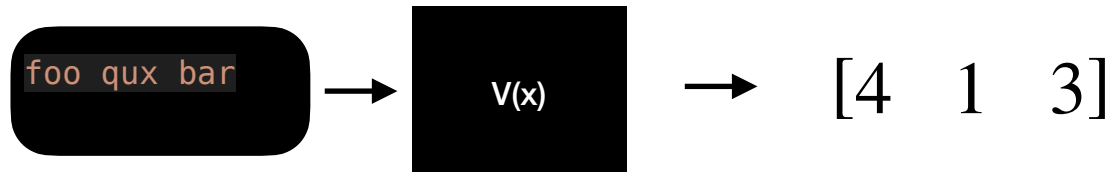


0

"
[UNK]
baz
bar
foo
boom
bada

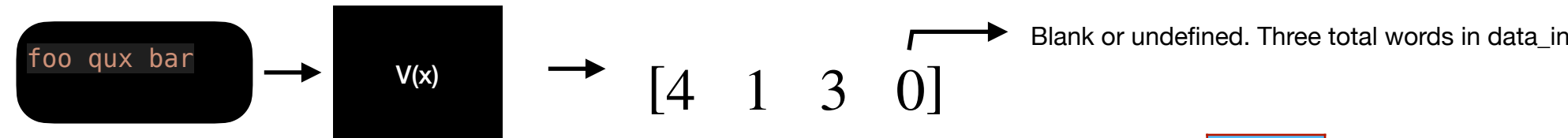
6

3 Channel Sequence



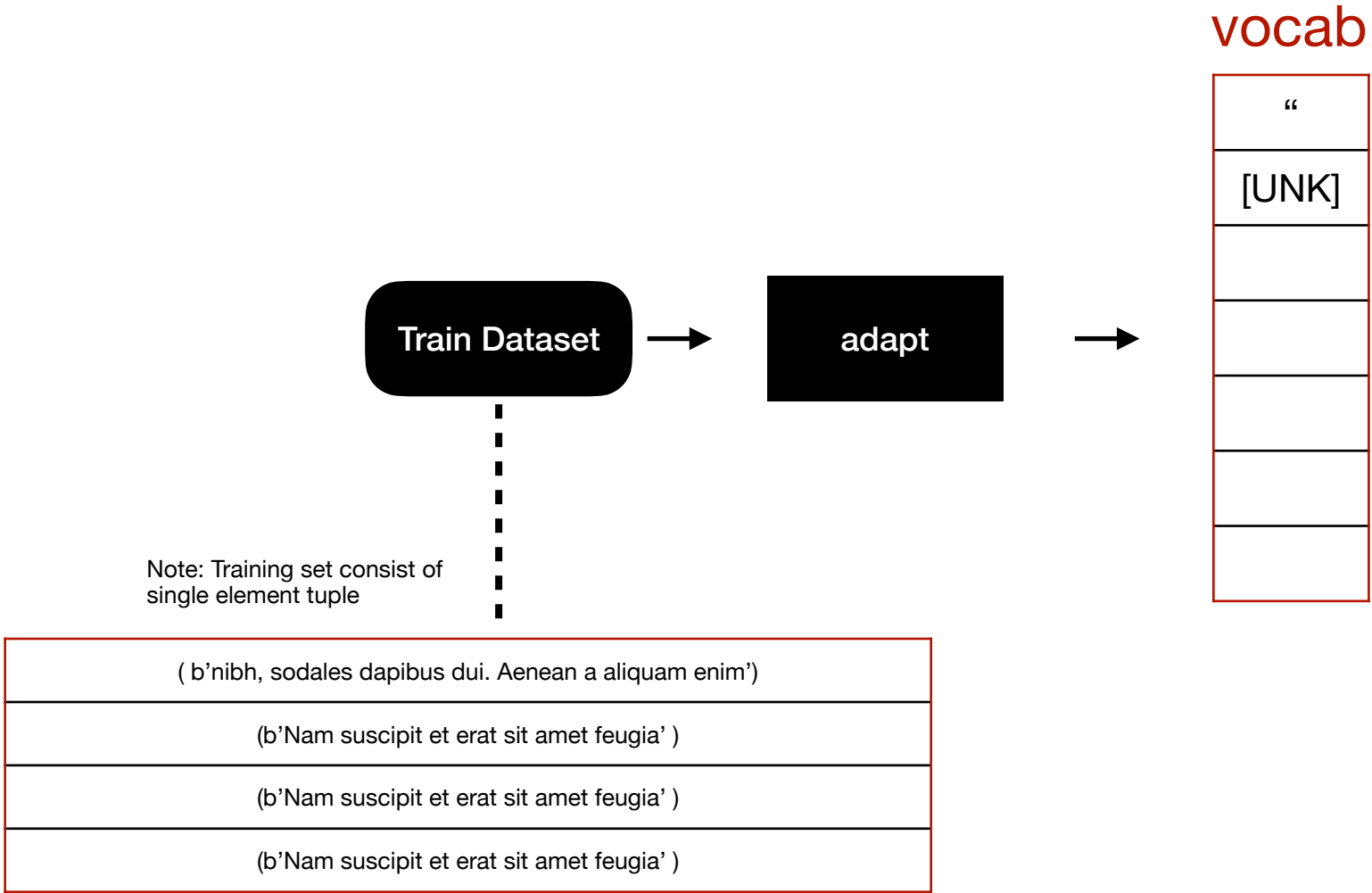
"
[UNK]
baz
bar
foo
boom
bada

4 Channel Sequence

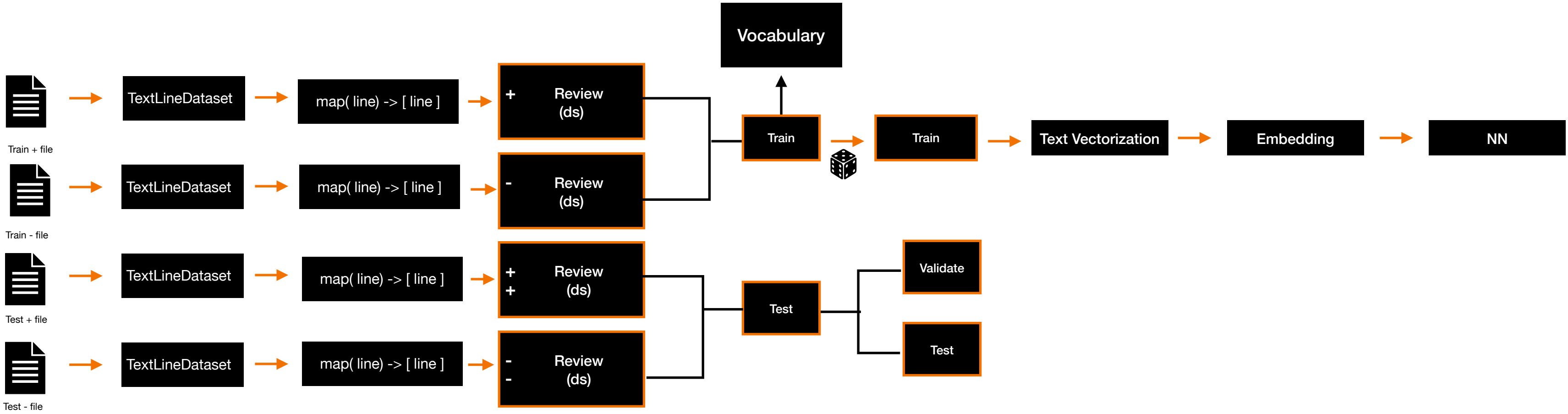


"
[UNK]
baz
bar
foo
boom
bada

Text Vectorization



Preprocess



Preprocess v2

get_datasets()

