CREATE OR REPLACE MODEL `twttr-recos-ml-prod.realgraph.prod$table\_suffix$`

OPTIONS(MODEL\_TYPE='BOOSTED\_TREE\_CLASSIFIER',

BOOSTER\_TYPE = 'GBTREE',

NUM\_PARALLEL\_TREE = 1,

MAX\_ITERATIONS = 20,

TREE\_METHOD = 'HIST',

EARLY\_STOP = TRUE,

SUBSAMPLE = 0.01,

INPUT\_LABEL\_COLS = ['label'],

DATA\_SPLIT\_METHOD = 'CUSTOM',

DATA\_SPLIT\_COL = 'if\_eval')

AS SELECT

label,

source\_id,

destination\_id,

num\_days,

num\_tweets,

num\_follows,

num\_favorites,

num\_tweet\_clicks,

num\_profile\_views,

days\_since\_last\_interaction,

label\_types,

-- partition train/test by source\_id's

IF(MOD(ABS(FARM\_FINGERPRINT(CAST(source\_id AS STRING))), 10) = 0, true, false) AS if\_eval,

FROM `twttr-recos-ml-prod.realgraph.train$table\_suffix$`

;