One AI Entity Relationship diagram

Josh lemoine | April 4, 2022

one_ai.features

run_id	string(50)
base_column_name	string(256)
base_column_type	string(100)
feature_name	string(256)
feature_type	string(100)
encoded_value	string(5000)
was_ordinally_encoded	boolean
was_scaled	boolean
was_binned	boolean
was_ohe	boolean
scaling_type	string(256)
binning_type	string(256)

one_ai.feature_importances

run_id	string(50)
feature_name	string(256)
feature_importance	decimal(18,4)

one_ai.regression_predictions

run_id	string(50)
datasedt_id	string(100)
regression_prediction	decimal(18,4)

one_ai.feature_coefficients

run_id	string(50)
label_value	string(100)
feature_name	string(256)
feature_coefficient	decimal(18,4)

one_ai.run

run_id	string(50)
augmentation_name	string(256)
run_initiated	timestamp
initiated_by	string(100)
result_received	timestamp
result_finalized	timestamp
finalized_by	string(100)
estimator_type	string(100)
dataset_id	string(256)
sample_date	timestamp
estimator_target	string(256)
holdout_weighted_precision	decimal(18,4)
holdout_weighted_recall	decimal(18,4)
holdout_weighted_f1	decimal(18,4)
holdout_roc	decimal(18,4)
holdout_regression_explained_variance	decimal(18,4)
holdout_regression_mse	decimal(18,4)
holdout_brier_score	decimal(18,4)

one_ai.labels

run_id	string(50)
label_value	string(100)
predictions	integer
holdout_precision	decimal(18,4)
holdout_recall	decimal(18,4)
holdout_f1	decimal(18,4)
roc	decimal(18,4)
validation_precision	decimal(18,4)
validation_recall	decimal(18,4)
validation_f1	decimal(18,4)
train_precision	decimal(18,4)
train_recall	decimal(18,4)
train_f1	decimal(18,4)

one_ai.probability_predictions

run_id	string(50)
datasedt_id	string(100)
label	string(100)
probability_prediction	decimal(18,4)

one_ai.label_predictions

run_id	string(50)
datasedt_id	string(100)
label_prediction	string(100)

one_ai.prediction_explanations

run_id	string(50)
datasedt_id	string(100)
label	string(100)
feature	string(256)
coefficient_explanation	decimal(18,4)
shap_explanation	decimal(18,4)
feature_value	decimal(18,4)