**PREDICT BUILDING**

**H2O Random Forest – on full data**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.1161989

RMSE: (Extract with `h2o.rmse`) 0.3408796

Logloss: (Extract with `h2o.logloss`) 0.4061398

Mean Per-Class Error: 0.007287031

**Predictions**

Accuracy – 1

Kappa - 1

**H2O GBM**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.09265374

RMSE: (Extract with `h2o.rmse`) 0.3043908

Logloss: (Extract with `h2o.logloss`) 0.3538744

Mean Per-Class Error: 0.006850241

**Predictions**

Accuracy – 0.74579439

Kappa - 0.02646579

**Class KNN – on a sample**

Confusion Matrix and Statistics

Reference

Prediction 0 1 2

0 505 2 0

1 31 301 11

2 0 4 257

Overall Statistics

Accuracy : 0.9568

Kappa : 0.9323

**PREDICT FLOOR**

BUILDING 0

**H2O Random Forest**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.1560543

RMSE: (Extract with `h2o.rmse`) 0.3950371

Logloss: (Extract with `h2o.logloss`) 0.4953479

Mean Per-Class Error: 0.0363372

**Predictions**

Accuracy – 0.9140187

Kappa - 0.8789968

**H2O GBM**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.1443367

RMSE: (Extract with `h2o.rmse`) 0.3799168

Logloss: (Extract with `h2o.logloss`) 0.4709117

Mean Per-Class Error: 0.02851145

**Predictions**

Accuracy – 0.8672897

Kappa - 0.8134827

**PREDICT FLOOR**

BUILDING 1

**H2O Random Forest**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.1643559

RMSE: (Extract with `h2o.rmse`) 0.4054083

Logloss: (Extract with `h2o.logloss`) 0.5148921

Mean Per-Class Error: 0.1056834

**Predictions**

Accuracy – 0.7434211

Kappa - 0.6286819

**H20 GBM**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.166547

RMSE: (Extract with `h2o.rmse`) 0.4081017

Logloss: (Extract with `h2o.logloss`) 0.519289

Mean Per-Class Error: 0.06861942

**Predictions**

Accuracy – 0.7072368

Kappa - 0.5814421

**PREDICT FLOOR**

BUILDING 2

**H2O Random Forest**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.1213685

RMSE: (Extract with `h2o.rmse`) 0.3483798

Logloss: (Extract with `h2o.logloss`) 0.4189414

Mean Per-Class Error: 0.02177209

**Predictions**

Accuracy – 0.7536765

Kappa - 0.6638879

**H20 GBM**

**Training Error**

MSE: (Extract with `h2o.mse`) 0.166547

RMSE: (Extract with `h2o.rmse`) 0.4081017

Logloss: (Extract with `h2o.logloss`) 0.519289

Mean Per-Class Error: 0.06861942

**Predictions**

Accuracy – 0.8308824

Kappa - 0.7678836