
H2O.ai

H2OAutoML R Syntax

```
h2o.automl(x, y,
           training_frame,
           validation_frame = NULL,
           leaderboard_frame = NULL,
           nfolds = 5,
           fold_column = NULL,
           weights_column = NULL,
           max_runtime_secs = 3600,
           max_models = NULL,
           stopping_metric = c("AUTO", "deviance", "logloss", "MSE",
             "RMSE", "MAE", "RMSLE", "AUC", "lift_top_group",
             "misclassification", "mean_per_class_error"),
           stopping_tolerance = NULL,
           stopping_rounds = 3,
           seed = NULL,
           project_name = NULL,
           exclude_algos = NULL)
```

H2OAutoML Python Syntax


```
# Set up automatic machine learning experiment
aml = H2OAutoML(nfolds = 5, max_runtime_secs = 3600, max_models = None,
                stopping_metric = 'AUTO', stopping_tolerance = None,
                stopping_rounds = 3, seed = None, project_name = None,
                exclude_algos = None)
```

```
# Train models
aml.train(x = None, y = None, training_frame = None, fold_column = None,
          weights_column = None, validation_frame = None,
          leaderboard_frame = None)
```

H2OAutoML R Syntax

```
h2o.automl(x, y,
           training_frame,
           validation_frame = NULL,
           leaderboard_frame = NULL,
           nfolds = 5,
           fold_column = NULL,
           weights_column = NULL,
           max_runtime_secs = 3600,
           max_models = NULL,
           stopping_metric = c("AUTO", "deviance", "logloss", "MSE",
             "RMSE", "MAE", "RMSLE", "AUC", "lift_top_group",
             "misclassification", "mean_per_class_error"),
           stopping_tolerance = NULL,
           stopping_rounds = 3,
           seed = NULL,
           project_name = NULL,
           exclude_algos = NULL)
```