
H2O.ai

GBM Parameters: Setting Up a Model

Python API

```
h2o.estimators.gbm.H2OGradientBoostingEstimator
- h2o.estimators.estimator_base.H2OEstimator
-- h2o.model.model_base.ModelBase
```

`model_id:`	specify a custom name for the model to use as a reference. (default: randomly generated)
`checkpoint:`	load a previously generated model
`seed:`	specify a pseudorandom seed, for reproducibility
`verbose:`	print verbose scoring history to console

GBM Parameters: Defining Data

(same as RF)

- `training_frame:` H2OFrame used to train model
- `validation_frame:` H2OFrame used to validate model (optional)
- `y:` column name or index of target variable
- `x:` column names (of indices) of predictor variables (default: all but y and ignored_columns)

- `ignored_columns:` columns to ignore (e.g. ID column)
- `ignore_const_cols:` ignore constant columns (default: True)
- `weights_column:` column by which to weight the data points

- `categorical_encoding:` encoding scheme for categorical variables: {"enum", "one_hot_explicit", "binary", "eigen", "label_encoder", "sort_by_response"} (default: "enum")

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