AmesStakingModels

Notebook saved. ×

Assistance

	Routine	Description
	importFiles	Import file(s) into H_2O
	importSqlTable	Import SQL table into H_2O
	getFrames	Get a list of frames in H_2O
	splitFrame	Split a frame into two or more frames
	mergeFrames	Merge two frames into one
	getModels	Get a list of models in H_2O
	getGrids	Get a list of grid search results in H_2O
	getPredictions	Get a list of predictions in H_2O
	getJobs	Get a list of jobs running in H_2O
	runAutoML	Automatically train and tune many models
	buildModel	Build a model
	importModel	Import a saved model
	predict	Make a prediction

Import Files

Search: c:\Users\vigarcia\Desktop\Ames\H2o\train.csv

Search Results: (All files added)

Selected Files: 1 file selected: Clear All

✖ c:\Users\vigarcia\Desktop\Ames\H2o\train.csv

Actions: Import

1 / 1 files imported.

Files c:\Users\vigarcia\Desktop\Ames\H2o\train.csv

Actions Parse these files...

Setup Parse

PARSE CONFIGURATION

Sources nfs:\c:\Users\vigarcia\Desktop\Ames\H2o\train.csv

ID train.hex

Parser CSV

Separator ,: '044'

Column Headers Auto / First row contains column names / First row contains data

Options Enable single quotes as a field quotation character / Delete on done

EDIT COLUMN NAMES AND TYPES

Search by column name...

1	LotFrontage	Numeric	-0.0518096796424063	0.570487760272347	0.0832634294826105	-0.291196770182661	0
2	LotArea	Numeric	-0.0778773291956158	0.190259941755559	0.523564507451361	0.17928624407868	1
3	YearBuilt	Numeric	1.04607836558577	0.154737490652949	0.98005311559075	-1.85903263419529	0
4	MasVnrArea	Numeric	1.22246022284227	-0.793325290666826	1.15017497762078	-0.793325290666826	1

5	BsmtFinSF2	Numeric	-0.362503310368561	-0.362503310368561	-0.362503310368561	-0.362503310368561	-
6	BsmtUnfSF	Numeric	-0.3252127614345	0.0145883378473003	0.240792854875087	0.357449717806527	0
7	X1stFlrSF	Numeric	-0.781374035846745	0.43723254456605	-0.555058934777369	-0.418197897919521	0
8	X2ndFlrSF	Numeric	1.19667047343491	-0.86346176331678	1.20092357336847	1.15952145066452	1
9	LowQualFinS	Numeric	-0.116912359625568	-0.116912359625568	-0.116912359625568	-0.116912359625568	-
10	GrLivArea	Numeric	0.577737288088703	-0.368660529155416	0.713219115239534	0.590464992067988	1
11	BsmtFullBat	Numeric	1.08714781758737	-0.818788806759497	1.08714781758737	1.08714781758737	1
12	BsmtHalfBat	Numeric	-0.251501295144843	3.88819026609115	-0.251501295144843	-0.251501295144843	-
13	FullBath	Numeric	0.781231961533791	0.781231961533791	0.781231961533791	-1.02718682967726	0
14	HalfBath	Numeric	1.23238772066244	-0.756191470389888	1.23238772066244	-0.756191470389888	1
15	BedroomAbvG	Numeric	0.169897979034312	0.169897979034312	0.169897979034312	0.169897979034312	1

Notebook saved.

← Previous page → Next page

Parse

Job

Run Time 00:00:00.751
Remaining Time 00:00:00.0
Type Frame
Key train.hex
Description Parse
Status DONE
Progress 100%

Done.

Actions View

train.hex

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	*Columns*	*Compressed Size*
1460	164	426KB

▾ COLUMN SUMMARIES

label	*type*	*Missing*	*Zeros*	*+Inf*	*-Inf*	*min*	*max*	*mean*	*sigma*	*cardinality*	*Actions*
LotFrontage	real	0	0	0	0	-3.3901	4.6877	0.0293	0.9840		· ·
LotArea	real	0	0	0	0	-4.0104	2.8877	0.0201	0.9809		· ·
YearBuilt	real	0	0	0	0	-3.2786	1.2772	-0.0015	0.9971		· ·
MasVnrArea	real	0	0	0	0	-0.7933	2.0219	0.0157	1.0030		· ·
BsmtFinSF2	real	0	0	0	0	-0.3625	3.5216	-0.0136	0.9822		· ·
BsmtUnfSF	real	0	0	0	0	-3.0092	1.1402	0.0124	0.9918		· ·
X1stFlrSF	real	0	0	0	0	-3.7330	3.0481	0.0126	0.9827		· ·
X2ndFlrSF	real	0	0	0	0	-0.8635	1.4659	0.0107	1.0050		· ·
LowQualFinSF	real	0	0	0	0	-0.1169	9.5133	0.0344	1.1333		· ·
GrLivArea	real	0	0	0	0	-4.5058	2.9208	0.0182	1.0203		· ·
BsmtFullBath	real	0	0	0	0	-0.8188	4.8990	-0.0081	0.9890		· ·
BsmtHalfBath	real	0	0	0	0	-0.2515	6.3098	-0.0157	0.9711		· ·
FullBath	real	0	0	0	0	-2.8356	2.5897	-0.0053	0.9963		· ·
HalfBath	real	0	0	0	0	-0.7562	3.2210	0.0052	1.0		· ·
BedroomAbvGr	real	0	0	0	0	-3.4767	6.2475	0.0076	0.9916		· ·
KitchenAbvGr	real	0	0	0	0	-8.0597	7.6587	0.0096	1.0122		· ·
TotRmsAbvGrd	real	0	0	0	0	-2.8365	4.8098	0.0422	1.0357		· ·
Fireplaces	real	0	0	0	0	-0.9242	3.7189	0.0246	0.9977		· ·
GarageCars	real	0	0	0	0	-2.3170	2.9310	0.0015	0.9805		· ·
WoodDeckSF	real	0	0	0	0	-0.9450	1.6606	0.0029	1.0016		· ·

← Previous 20 Columns → Next 20 Columns

▸ CHUNK COMPRESSION SUMMARY

▸ FRAME DISTRIBUTION SUMMARY

Notebook saved. ×

Build a Model

Select an algorithm: Generalized Linear Modeling

PARAMETERS GR

model_id	Liner_Regression	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
validation_frame	train.hex	Id of the validation data frame.
nfolds	10	Number of folds for K-fold cross-validation (0 to disable or >= 2).
seed	12345	Seed for pseudo random number generator (if applicable)
response_column	SalePrice	Response variable column.
ignored_columns	Search...	

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

All None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

ignore_const_cols	☑	Ignore constant columns.
family	gaussian	Family. Use binomial for classification with logistic regression, others are for regression problems.
solver	AUTO	AUTO will set the solver based on given data and the other parameters. IRLSM is fast on on problems with small number of predictors and for lambda-search with L1 penalty, L_BFGS scales better for datasets with many columns.
alpha	1	Distribution of regularization between the L1 (Lasso) and L2 (Ridge) penalties. A value of 1 for alpha represents Lasso regression, a value of 0 produces Ridge regression, and anything in between specifies the amount of mixing between the two. Default value of alpha is 0 when SOLVER = 'L-BFGS'; 0.5 otherwise.
lambda	0	Regularization strength
lambda_search	☐	Use lambda search starting at lambda max, given lambda is then interpreted as lambda min

standardize	☑	Standardize numeric columns to have zero mean and unit variance
non_negative	☐	Restrict coefficients (not intercept) to be non-negative
beta_constraints	(Choose...)	Beta constraints
obj_reg	-1	Likelihood divider in objective value computation, default is 1/nobs

Notebook saved. ×

ADVANCED GR

fold_assignment	AUTO	Cross-validation fold assignment scheme, if fold_column is not specified. The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
score_each_iteration	☐	Whether to score during each iteration of model training.
offset_column	(Choose...)	Offset column. This will be added to the combination of columns before applying the link function.
weights_column	(Choose...)	Column with observation weights. Giving some observation a weight of zero is equivalent to excluding it from the dataset; giving an observation a relative weight of 2 is equivalent to repeating that row twice. Negative weights are not allowed. Note: Weights are per-row observation weights and do not increase the size of the data frame. This is typically the number of times a row is repeated, but non-integer values are supported as well. During training, rows with higher weights matter more, due to the larger loss function pre-factor.
compute_p_values	☐	Request p-values computation, p-values work only with IRLSM solver and no regularization
remove_collinear_columns	☐	In case of linearly dependent columns, remove some of the dependent columns
max_iterations	-1	Maximum number of iterations
link	family_default	
export_checkpoints_dir		Automatically export generated models to this directory.
max_runtime_secs	0	Maximum allowed runtime in seconds for model training. Use 0 to disable.
custom_metric_func		Reference to custom evaluation function, format: `language:keyName=funcName`

EXPERT GR

keep_cross_validation_models	☑	Whether to keep the cross-validation models.

keep_cross_validation_predictions	☑	Whether to keep the predictions of the cross-validation models.
keep_cross_validation_fold_assignment	☑	Whether to keep the cross-validation fold assignment.
missing_values_handling	MeanImputation ▾	Handling of missing values. Either MeanImputation or Skip.
intercept	☑	Include constant term in the model
objective_epsilon	-1	Converge if objective value changes less than this. Default indicates: If lambda_search is set to True the value of objective_epsilon is set to .0001. If the lambda_search is set to False and lambda is equal to zero, the value of objective_epsilon is set to .000001, for any other value of lambda the default value of objective_epsilon is set to .0001.
beta_epsilon	0.0001	Converge if beta changes less (using L-infinity norm) than beta esilon, ONLY applies to IRLSM solver
gradient_epsilon	-1	Converge if objective changes less (using L-infinity norm) than this, ONLY applies to L-BFGS solver. Default indicates: If lambda_search is set to False and lambda is equal to zero, the default value of gradient_epsilon is equal to .000001, otherwise the default value is .0001. If lambda_search is set to True, the conditional values above are 1E-8 and 1E-6 respectively.
prior	-1	Prior probability for y==1. To be used only for logistic regression iff the data has been sampled and the mean of response does not reflect reality.
max_active_predictors	-1	Maximum number of active predictors during computation. Use as a stopping criterion to prevent expensive model building with many predictors. Default indicates: If the IRLSM solver is used, the value of max_active_predictors is set to 5000 otherwise it is set to 100000000.

Notebook saved ×

interactions Search...

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

Notebook saved.

All | None | Previous 100 | Next 100

Only show columns with more than 0 % missing values.

interaction_pairs Choose... ↔ + A list of pairwise (first order) column interactions.

Build Model

Job

Run Time 00:00:01.641
Remaining Time 00:00:00.0
Type Model
Key Liner_Regression
Description GLM
Status DONE
Progress 100%
Done.
Actions View

Build a Model

Select an algorithm: Generalized Linear Modeling

PARAMETERS GR

model_id	Lasso_Regression	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
validation_frame	train.hex	Id of the validation data frame.
nfolds	10	Number of folds for K-fold cross-validation (0 to disable or >= 2).
seed	12345	Seed for pseudo random number generator (if applicable)
response_column	SalePrice	Response variable column.

ignored_columns Search...

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

Notebook saved.

☑ All ☐ None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

ignore_const_cols ☑ Ignore constant columns.

family gaussian ▾ Family. Use binomial for classification with logistic regression, others are for regression problems.

solver AUTO ▾ AUTO will set the solver based on given data and the other parameters. IRLSM is fast on on problems with small number of predictors and for lambda-search with L1 penalty, L_BFGS scales better for datasets with many columns.

alpha 1 Distribution of regularization between the L1 (Lasso) and L2 (Ridge) penalties. A value of 1 for alpha represents Lasso regression, a value of 0 produces Ridge regression, and anything in between specifies the amount of mixing between the two. Default value of alpha is 0 when SOLVER = 'L-BFGS'; 0.5 otherwise. ☐

lambda 0.0001 Regularization strength ☐

lambda_search ☐ Use lambda search starting at lambda max, given lambda is then interpreted as lambda min

standardize ☑ Standardize numeric columns to have zero mean and unit variance

non_negative ☐ Restrict coefficients (not intercept) to be non-negative

beta_constraints (Choose...) ▾ Beta constraints

obj_reg -1 Likelihood divider in objective value computation, default is 1/nobs

ADVANCED GR

fold_assignment AUTO ▾ Cross-validation fold assignment scheme, if fold_column is not specified. The 'Stratified' option will stratify the folds based on the response variable, for classification problems. ☐

score_each_iteration	☐	Whether to score during each iteration of model training.
offset_column	(Choose...)	Offset column. This will be added to the combination of columns before applying the link function.
weights_column	(Choose...)	Column with observation weights. Giving some observation a weight of zero is equivalent to excluding it from the dataset; giving an observation a relative weight of 2 is equivalent to repeating that row twice. Negative weights are not allowed. Note: Weights are per-row observation weights and do not increase the size of the data frame. This is typically the number of times a row is repeated, but non-integer values are supported as well. During training, rows with higher weights matter more, due to the larger loss function pre-factor.
compute_p_values	☐	Request p-values computation, p-values work only with IRLSM solver and no regularization
remove_collinear_columns	☐	In case of linearly dependent columns, remove some of the dependent columns
max_iterations	-1	Maximum number of iterations
link	family_default	
export_checkpoints_dir		Automatically export generated models to this directory.
max_runtime_secs	0	Maximum allowed runtime in seconds for model training. Use 0 to disable.
custom_metric_func		Reference to custom evaluation function, format: `language:keyName=funcName`

Notebook saved. ×

EXPERT GR

keep_cross_validation_models	☑	Whether to keep the cross-validation models.
keep_cross_validation_predictions	☑	Whether to keep the predictions of the cross-validation models.
keep_cross_validation_fold_assignment	☑	Whether to keep the cross-validation fold assignment.
missing_values_handling	MeanImputation	Handling of missing values. Either MeanImputation or Skip.
intercept	☑	Include constant term in the model

objective_epsilon	-1	Converge if objective value changes less than this. Default indicates: If lambda_search is set to True the value of objective_epsilon is set to .0001. If the lambda_search is set to False and lambda is equal to zero, the value of objective_epsilon is set to .000001, for any other value of lambda the default value of objective_epsilon is set to .0001.
beta_epsilon	0.0001	Converge if beta changes less (using L-infinity norm) than beta esilon, ONLY applies to IRLSM solver
gradient_epsilon	-1	Converge if objective changes less (using L-infinity norm) than this, ONLY applies to L-BFGS solver. Default indicates: If lambda_search is set to False and lambda is equal to zero, the default value of gradient_epsilon is equal to .000001, otherwise the default value is .0001. If lambda_search is set to True, the conditional values above are 1E-8 and 1E-6 respectively.
prior	-1	Prior probability for y==1. To be used only for logistic regression iff the data has been sampled and the mean of response does not reflect reality.
max_active_predictors	-1	Maximum number of active predictors during computation. Use as a stopping criterion to prevent expensive model building with many predictors. Default indicates: If the IRLSM solver is used, the value of max_active_predictors is set to 5000 otherwise it is set to 100000000.

Notebook saved ×

interactions

Search...

Showing page 1 of 2.

☐ LotFrontage	REAL
☐ LotArea	REAL
☐ YearBuilt	REAL
☐ MasVnrArea	REAL
☐ BsmtFinSF2	REAL
☐ BsmtUnfSF	REAL
☐ X1stFlrSF	REAL
☐ X2ndFlrSF	REAL
☐ LowQualFinSF	REAL

☑ All ☐ None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

interaction_pairs Choose... ↔ ▾ +

A list of pairwise (first order) column interactions.

Build Model

Notebook saved. ×

Job

Run Time 00:00:00.664
Remaining Time 00:00:00.0
Type Model
Key Lasso_Regression
Description GLM
Status DONE
Progress 100%
Done.
Actions View

Build a Model

Select an algorithm: Generalized Linear Modeling

PARAMETERS GR

model_id	Ridge_Regression	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
validation_frame	train.hex	Id of the validation data frame.
nfolds	10	Number of folds for K-fold cross-validation (0 to disable or >= 2).
seed	12345	Seed for pseudo random number generator (if applicable)
response_column	SalePrice	Response variable column.
ignored_columns	Search...	

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

All None Previous 100 Next 100

Only show columns with more than 0 % missing values.

ignore_const_cols	☑	Ignore constant columns.
family	gaussian	Family. Use binomial for classification with logistic regression, others are for regression problems.

solver	AUTO	AUTO will set the solver based on given data and the other parameters. IRLSM is fast on on problems with small number of predictors and for lambda-search with L1 penalty, L_BFGS scales better for datasets with many columns.
alpha	0	Distribution of regularization between the L1 (Lasso) and L2 (Ridge) penalties. A value of 1 for alpha represents Lasso regression, a value of 0 produces Ridge regression, and anything in between specifies the amount of mixing between the two. Default value of alpha is 0 when SOLVER = 'L-BFGS'; 0.5 otherwise.
lambda	0.0102	Regularization strength
lambda_search	☐	Use lambda search starting at lambda max, given lambda is then interpreted as lambda min
standardize	☑	Standardize numeric columns to have zero mean and unit variance
non_negative	☐	Restrict coefficients (not intercept) to be non-negative
beta_constraints	(Choose...)	Beta constraints
obj_reg	-1	Likelihood divider in objective value computation, default is 1/nobs

Notebook saved ×

ADVANCED GR

fold_assignment	AUTO	Cross-validation fold assignment scheme, if fold_column is not specified. The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
score_each_iteration	☐	Whether to score during each iteration of model training.
offset_column	(Choose...)	Offset column. This will be added to the combination of columns before applying the link function.
weights_column	(Choose...)	Column with observation weights. Giving some observation a weight of zero is equivalent to excluding it from the dataset; giving an observation a relative weight of 2 is equivalent to repeating that row twice. Negative weights are not allowed. Note: Weights are per-row observation weights and do not increase the size of the data frame. This is typically the number of times a row is repeated, but non-integer values are supported as well. During training, rows with higher weights matter more, due to the larger loss function pre-factor.

compute_p_values	☐	Request p-values computation, p-values work only with IRLSM solver and no regularization
remove_collinear_columns	☐	in case of linearly dependent columns, remove some of the dependent columns
max_iterations	-1	Maximum number of iterations
link	family_default ▾	
export_checkpoints_dir		Automatically export generated models to this directory.
max_runtime_secs	0	Maximum allowed runtime in seconds for model training. Use 0 to disable.
custom_metric_func		Reference to custom evaluation function, format: `language:keyName=funcName`

Notebook saved ×

EXPERT GR

keep_cross_validation_models	☑	Whether to keep the cross-validation models.
keep_cross_validation_predictions	☑	Whether to keep the predictions of the cross-validation models.
keep_cross_validation_fold_assignment	☑	Whether to keep the cross-validation fold assignment.
missing_values_handling	MeanImputation ▾	Handling of missing values. Either MeanImputation or Skip.
intercept	☑	Include constant term in the model
objective_epsilon	-1	Converge if objective value changes less than this. Default indicates: If lambda_search is set to True the value of objective_epsilon is set to .0001. If the lambda_search is set to False and lambda is equal to zero, the value of objective_epsilon is set to .000001, for any other value of lambda the default value of objective_epsilon is set to .0001.
beta_epsilon	0.0001	Converge if beta changes less (using L-infinity norm) than beta esilon, ONLY applies to IRLSM solver
gradient_epsilon	-1	Converge if objective changes less (using L-infinity norm) than this, ONLY applies to L-BFGS solver. Default indicates: If lambda_search is set to False and lambda is equal to zero, the default value of gradient_epsilon is equal to .000001, otherwise the default value is .0001. If lambda_search is set to True, the conditional values above are 1E-8 and 1E-6 respectively.
prior	-1	Prior probability for y==1. To be used only for logistic regression iff the data has been sampled and the mean of response does not reflect reality.

max_active_predictors	-1	Maximum number of active predictors during computation. Use as a stopping criterion to prevent expensive model building with many predictors. Default indicates: If the IRLSM solver is used, the value of max_active_predictors is set to 5000 otherwise it is set to 100000000.

Notebook saved ×

interactions Search...

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

☑ All ☐ None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

interaction_pairs Choose... ↔ + A list of pairwise (first order) column interactions.

Build Model

Job

Run Time 00:00:00.420
Remaining Time 00:00:00.0
Type Model
Key Ridge_Regression
Description GLM
Status DONE
Progress 100%
Done.
Actions View

Build a Model

Select an algorithm: Generalized Linear Modeling

PARAMETERS GR

model_id	ElasticNet	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
validation_frame	train.hex	Id of the validation data frame.
nfolds	10	Number of folds for K-fold cross-validation (0 to disable or >= 2).
seed	12345	Seed for pseudo random number generator (if applicable)

response_column	SalePrice ▾	Response variable column.
ignored_columns	Search...	

Notebook saved. ×

Showing page 1 of 2.

LotFrontage	REAL
LotArea	REAL
YearBuilt	REAL
MasVnrArea	REAL
BsmtFinSF2	REAL
BsmtUnfSF	REAL
X1stFlrSF	REAL
X2ndFlrSF	REAL
LowQualFinSF	REAL

☑ All ☐ None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

ignore_const_cols	☑	Ignore constant columns.
family	gaussian ▾	Family. Use binomial for classification with logistic regression, others are for regression problems.
solver	AUTO ▾	AUTO will set the solver based on given data and the other parameters. IRLSM is fast on on problems with small number of predictors and for lambda-search with L1 penalty, L_BFGS scales better for datasets with many columns.
alpha		Distribution of regularization between the L1 (Lasso) and L2 (Ridge) penalties. A value of 1 for alpha represents Lasso regression, a value of 0 produces Ridge regression, and anything in between specifies the amount of mixing between the two. Default value of alpha is 0 when SOLVER = 'L-BFGS'; 0.5 otherwise.
lambda		Regularization strength
lambda_search	☐	Use lambda search starting at lambda max, given lambda is then interpreted as lambda min
standardize	☑	Standardize numeric columns to have zero mean and unit variance
non_negative	☐	Restrict coefficients (not intercept) to be non-negative
beta_constraints	(Choose...) ▾	Beta constraints
obj_reg	-1	Likelihood divider in objective value computation, default is 1/nobs

ADVANCED GR

fold_assignment	AUTO	Cross-validation fold assignment scheme, if fold_column is not specified. The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
score_each_iteration	☐	Whether to score during each iteration of model training.
offset_column	(Choose...)	Offset column. This will be added to the combination of columns before applying the link function.
weights_column	(Choose...)	Column with observation weights. Giving some observation a weight of zero is equivalent to excluding it from the dataset; giving an observation a relative weight of 2 is equivalent to repeating that row twice. Negative weights are not allowed. Note: Weights are per-row observation weights and do not increase the size of the data frame. This is typically the number of times a row is repeated, but non-integer values are supported as well. During training, rows with higher weights matter more, due to the larger loss function pre-factor.
compute_p_values	☐	Request p-values computation, p-values work only with IRLSM solver and no regularization
remove_collinear_columns	☐	In case of linearly dependent columns, remove some of the dependent columns
max_iterations	-1	Maximum number of iterations
link	family_default	
export_checkpoints_dir		Automatically export generated models to this directory.
max_runtime_secs	0	Maximum allowed runtime in seconds for model training. Use 0 to disable.
custom_metric_func		Reference to custom evaluation function, format: `language:keyName=funcName`

EXPERT *GR*

keep_cross_validation_models	☑	Whether to keep the cross-validation models.
keep_cross_validation_predictions	☑	Whether to keep the predictions of the cross-validation models.
keep_cross_validation_fold_assignment	☑	Whether to keep the cross-validation fold assignment.
missing_values_handling	MeanImputation	Handling of missing values. Either MeanImputation or Skip.
intercept	☑	Include constant term in the model

Notebook saved

objective_epsilon	-1	Converge if objective value changes less than this. Default indicates: If lambda_search is set to True the value of objective_epsilon is set to .0001. If the lambda_search is set to False and lambda is equal to zero, the value of objective_epsilon is set to .000001, for any other value of lambda the default value of objective_epsilon is set to .0001.
beta_epsilon	0.0001	Converge if beta changes less (using L-infinity norm) than beta esilon, ONLY applies to IRLSM solver
gradient_epsilon	-1	Converge if objective changes less (using L-infinity norm) than this, ONLY applies to L-BFGS solver. Default indicates: If lambda_search is set to False and lambda is equal to zero, the default value of gradient_epsilon is equal to .000001, otherwise the default value is .0001. If lambda_search is set to True, the conditional values above are 1E-8 and 1E-6 respectively.
prior	-1	Prior probability for y==1. To be used only for logistic regression iff the data has been sampled and the mean of response does not reflect reality.
max_active_predictors	-1	Maximum number of active predictors during computation. Use as a stopping criterion to prevent expensive model building with many predictors. Default indicates: If the IRLSM solver is used, the value of max_active_predictors is set to 5000 otherwise it is set to 100000000.

Notebook saved ×

interactions

Search...

Showing page 1 of 2.

☐ LotFrontage	REAL
☐ LotArea	REAL
☐ YearBuilt	REAL
☐ MasVnrArea	REAL
☐ BsmtFinSF2	REAL
☐ BsmtUnfSF	REAL
☐ X1stFlrSF	REAL
☐ X2ndFlrSF	REAL
☐ LowQualFinSF	REAL

☑ All ☐ None ← Previous 100 → Next 100

Only show columns with more than 0 % missing values.

interaction_pairs Choose... ↔ + A list of pairwise (first order) column interactions.

Build Model

Notebook saved. ×

Job

Run Time	00:00:00.344
Remaining Time	00:00:00.0
Type	Model
Key	ElasticNet
Description	GLM
Status	DONE
Progress	100%
	Done.
Actions	View

Build a Model

Select an algorithm: Stacked Ensemble

PARAMETERS GRID?

model_id	stackedensemble-1	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
response_column	SalePrice	Response variable column.
validation_frame	train.hex	Id of the validation data frame.
blending_frame	(Choose...)	Frame used to compute the predictions that serve as the training frame for the metalearner (triggers blending mode if provided)
*base_models**	Show models compatible with frame: train.hex	

- *Select All*
- Lasso_Regression
- Ridge_Regression
- ElasticNet
- Liner_Regression

metalearner_algorithm	glm	Type of algorithm to use as the metalearner. Options include 'AUTO' (GLM with non negative weights; if validation_frame is present, a lambda search is performed), 'glm' (GLM with default parameters), 'gbm' (GBM with default parameters), 'drf' (Random Forest with default parameters), or 'deeplearning' (Deep Learning with default parameters).
metalearner_nfolds	10	Number of folds for K-fold cross-validation of the metalearner algorithm (0 to disable or >= 2).
metalearner_params		Parameters for metalearner algorithm
seed	12345	Seed for random numbers; passed through to the metalearner algorithm. Defaults to -1 (time-based random number)

ADVANCED GRID?

metalearner_fold_assignment	(Choose...) ▾	Cross-validation fold assignment scheme for metalearner cross-validation. Defaults to AUTO (which is currently set to Random). The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
metalearner_fold_column	(Choose...) ▾	Column with cross-validation fold index assignment per observation for cross-validation of the metalearner.
keep_levelone_frame	☐	Keep level one frame used for metalearner training.
export_checkpoints_dir		Automatically export generated models to this directory.

Notebook saved ×

Build Model

Job

Run Time	00:00:00.455
Remaining Time	00:00:00.0
Type	Model
Key	stackedensemble-1
Description	StackedEnsemble
Status	DONE
Progress	100%
	Done.
Actions	View

Model

Model ID: stackedensemble-1

Algorithm: Stacked Ensemble

Actions: Refresh | Predict... | Download POJO | Download Model Deployment Package (MOJO) | Export | Inspect | Delete | Download Gen Model

▸ MODEL PARAMETERS

▸ OUTPUT

▸ NAMES

▸ COLUMN_TYPES

▸ DOMAINS

▾ OUTPUT - TRAINING_METRICS

model	stackedensemble-1
model_checksum	4766109664223675936
frame	train.hex
frame_checksum	-4933500844521803980
description	·
model_category	Regression
scoring_time	1568289978464
predictions	·
MSE	0.011326
RMSE	0.106425
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.928968
mean_residual_deviance	0.011326
mae	0.073881
rmsle	0.008231
residual_deviance	16.536328
null_deviance	232.800671
AIC	-2386.422273
null_degrees_of_freedom	1459
residual_degrees_of_freedom	1455

Notebook saved. ×

▾ OUTPUT - VALIDATION_METRICS

model	metalearner_glm_stackedensemble-1
model_checksum	-661633969583491072
frame	·
frame_checksum	0
description	·
model_category	Regression
scoring_time	1568289978256
predictions	·
MSE	0.011326
RMSE	0.106425
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.928968
mean_residual_deviance	0.011326
mae	0.073881
rmsle	0.008231
residual_deviance	16.536328
null_deviance	232.800671
AIC	-2386.422273
null_degrees_of_freedom	1459
residual_degrees_of_freedom	1455

▾ OUTPUT - CROSS_VALIDATION_METRICS

model	stackedensemble-1
model_checksum	4766109664223675936
frame	·
frame_checksum	0
description	10-fold cross-validation on training data (Metrics computed for combined holdout predictions)
model_category	Regression
scoring_time	1568289978257
predictions	·
MSE	0.015060
RMSE	0.122719
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.905552
mean_residual_deviance	0.015060
mae	0.082725
rmsle	0.009486
residual_deviance	21.987593
null_deviance	232.936688
AIC	-1970.441037
null_degrees_of_freedom	1459
residual_degrees_of_freedom	1455

Notebook saved. ×

▸ OUTPUT - HELP

Build a Model

Select an algorithm: Stacked Ensemble

PARAMETERS GRID?

model_id	stackedensemble-2	Destination id for this model; auto-generated if not specified.
training_frame	train.hex	Id of the training data frame.
response_column	SalePrice	Response variable column.
validation_frame	train.hex	Id of the validation data frame.
blending_frame	(Choose...)	Frame used to compute the predictions that serve as the training frame for the metalearner (triggers blending mode if provided)

*base_models** Show models compatible with frame: train.hex

- ☐ *Select All*
- ☑ Ridge_Regression
- ☑ ElasticNet
- ☑ Liner_Regression
- ☑ Lasso_Regression
- ☐ stackedensemble-1

metalearner_algorithm	gbm	Type of algorithm to use as the metalearner. Options include 'AUTO' (GLM with non negative weights; if validation_frame is present, a lambda search is performed), 'glm' (GLM with default parameters), 'gbm' (GBM with default parameters), 'drf' (Random Forest with default parameters), or 'deeplearning' (Deep Learning with default parameters).

metalearner_nfolds	10	Number of folds for K-fold cross-validation of the metalearner algorithm (0 to disable or >= 2).
metalearner_params		Parameters for metalearner algorithm
seed	12345	Seed for random numbers; passed through to the metalearner algorithm. Defaults to -1 (time-based random number)

Notebook saved.

ADVANCED GRID?

metalearner_fold_assignment	(Choose...)	Cross-validation fold assignment scheme for metalearner cross-validation. Defaults to AUTO (which is currently set to Random). The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
metalearner_fold_column	(Choose...)	Column with cross-validation fold index assignment per observation for cross-validation of the metalearner.
keep_levelone_frame		Keep level one frame used for metalearner training.
export_checkpoints_dir		Automatically export generated models to this directory.

Build Model

Job

Run Time 00:00:03.141
Remaining Time 00:00:00.0
Type Model
Key stackedensemble-2
Description StackedEnsemble
Status DONE
Progress 100%
Done.
Actions View

Model

Model ID: stackedensemble-2
Algorithm: Stacked Ensemble
Actions: Refresh | Predict... | Download POJO | Download Model Deployment Package (MOJO) | Export | Inspect | Delete | Download Gen Model

▸ MODEL PARAMETERS
▸ OUTPUT
▸ NAMES
▸ COLUMN_TYPES
▸ DOMAINS
▾ OUTPUT - TRAINING_METRICS

model	stackedensemble-2
model_checksum	-684629815996900896
frame	train.hex
frame_checksum	-4933500844521803980
description	·
model_category	Regression
scoring_time	1568290136086
predictions	·
MSE	0.010847
RMSE	0.104150
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.931972
mean_residual_deviance	0.010847
mae	0.071845
rmsle	0.008047

Notebook saved. ×

▾ OUTPUT - VALIDATION_METRICS

model	metalearner_gbm_stackedensemble-2
model_checksum	3814499315818121984
frame	·
frame_checksum	0
description	·
model_category	Regression
scoring_time	1568290135993
predictions	·
MSE	0.010847
RMSE	0.104150
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.931972
mean_residual_deviance	0.010847
mae	0.071845
rmsle	0.008047

▾ OUTPUT - CROSS_VALIDATION_METRICS

model	stackedensemble-2
model_checksum	-684629815996900896
frame	·
frame_checksum	0
description	10-fold cross-validation on training data (Metrics computed for combined holdout predictions)
model_category	Regression
scoring_time	1568290135998
predictions	·
MSE	0.016408
RMSE	0.128094
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.897097
mean_residual_deviance	0.016408
mae	0.086703
rmsle	0.009909

▸ OUTPUT - HELP

Build a Model

Select an algorithm: Stacked Ensemble ▾

PARAMETERS GRID?

model_id	stackedensemble-3	Destination id for this model; auto-generated if not specified.

training_frame	train.hex	Id of the training data frame.
response_column	SalePrice	Response variable column.
validation_frame	train.hex	Id of the validation data frame.
blending_frame	(Choose...)	Frame used to compute the predictions that serve as the training frame for the metalearner (triggers blending mode if provided)

Notebook saved.

*base_models** Show models compatible with frame: train.hex

- [ ] *Select All*
- [ ] stackedensemble-2
- [x] Ridge_Regression
- [x] ElasticNet
- [x] Liner_Regression
- [x] Lasso_Regression
- [ ] stackedensemble-1

metalearner_algorithm	drf	Type of algorithm to use as the metalearner. Options include 'AUTO' (GLM with non negative weights; if validation_frame is present, a lambda search is performed), 'glm' (GLM with default parameters), 'gbm' (GBM with default parameters), 'drf' (Random Forest with default parameters), or 'deeplearning' (Deep Learning with default parameters).
metalearner_nfolds	10	Number of folds for K-fold cross-validation of the metalearner algorithm (0 to disable or >= 2).
metalearner_params		Parameters for metalearner algorithm
seed	12345	Seed for random numbers; passed through to the metalearner algorithm. Defaults to -1 (time-based random number)

ADVANCED — GRID?

metalearner_fold_assignment	(Choose...)	Cross-validation fold assignment scheme for metalearner cross-validation. Defaults to AUTO (which is currently set to Random). The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
metalearner_fold_column	(Choose...)	Column with cross-validation fold index assignment per observation for cross-validation of the metalearner.
keep_levelone_frame	☐	Keep level one frame used for metalearner training.
export_checkpoints_dir		Automatically export generated models to this directory.

Build Model

Job

Run Time 00:00:04.128
Remaining Time 00:00:00.0
Type Model
Key stackedensemble-3
Description StackedEnsemble
Status DONE

Progress 100%

Done.

Actions View

Notebook saved. ×

Model

Model ID: stackedensemble-3

Algorithm: Stacked Ensemble

Actions: Refresh | Predict... | Download POJO | Download Model Deployment Package (MOJO) | Export | Inspect | Delete | Download Gen Model

▸ MODEL PARAMETERS

▸ OUTPUT

▸ NAMES

▸ COLUMN_TYPES

▸ DOMAINS

▾ OUTPUT - TRAINING_METRICS

model	stackedensemble-3
model_checksum	-7085086949227900512
frame	train.hex
frame_checksum	-4933500844521803980
description	·
model_category	Regression
scoring_time	1568290243297
predictions	·
MSE	0.010732
RMSE	0.103594
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.932697
mean_residual_deviance	0.010732
mae	0.070900
rmsle	0.008006

▾ OUTPUT - VALIDATION_METRICS

model	metalearner_drf_stackedensemble-3
model_checksum	-4344697905864719784
frame	·
frame_checksum	0
description	·
model_category	Regression
scoring_time	1568290243258
predictions	·
MSE	0.010732
RMSE	0.103594
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.932697
mean_residual_deviance	0.010732
mae	0.070900
rmsle	0.008006

▾ OUTPUT - CROSS_VALIDATION_METRICS

model	stackedensemble-3
model_checksum	-7085086949227900512
frame	·
frame_checksum	0
description	10-fold cross-validation on training data (Metrics computed for combined holdout predictions)
model_category	Regression
scoring_time	1568290243261
predictions	·
MSE	0.017421
RMSE	0.131990
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.890743
mean_residual_deviance	0.017421
mae	0.090034
rmsle	0.010199

Notebook saved. ×

▸ OUTPUT - HELP

Build a Model

Select an algorithm: Stacked Ensemble

PARAMETERS GRID?

model_id	stackedensemble-4	Destination id for this model; auto-generated if not specified.	
training_frame	train.hex	Id of the training data frame.	
response_column	SalePrice	Response variable column.	☐
validation_frame	train.hex	Id of the validation data frame.	☐
blending_frame	(Choose...)	Frame used to compute the predictions that serve as the training frame for the metalearner (triggers blending mode if provided)	
base_models*	Show models compatible with frame: train.hex		

☐ *Select All*

- ☐ stackedensemble-2
- ☑ Ridge_Regression
- ☑ ElasticNet
- ☑ Liner_Regression
- ☑ Lasso_Regression
- ☐ stackedensemble-3
- ☐ stackedensemble-1

metalearner_algorithm	deeplearning	Type of algorithm to use as the metalearner. Options include 'AUTO' (GLM with non negative weights; if validation_frame is present, a lambda search is performed), 'glm' (GLM with default parameters), 'gbm' (GBM with default parameters), 'drf' (Random Forest with default parameters), or 'deeplearning' (Deep Learning with default parameters).	
metalearner_nfolds	10	Number of folds for K-fold cross-validation of the metalearner algorithm (0 to disable or >= 2).	
metalearner_params		Parameters for metalearner algorithm	
seed	12345	Seed for random numbers; passed through to the metalearner algorithm. Defaults to -1 (time-based random number)	☐

ADVANCED

GRID?

Notebook saved.

metalearner_fold_assignment	(Choose...)	Cross-validation fold assignment scheme for metalearner cross-validation. Defaults to AUTO (which is currently set to Random). The 'Stratified' option will stratify the folds based on the response variable, for classification problems.
metalearner_fold_column	(Choose...)	Column with cross-validation fold index assignment per observation for cross-validation of the metalearner.
keep_levelone_frame	☐	Keep level one frame used for metalearner training.
export_checkpoints_dir		Automatically export generated models to this directory.

Build Model

Job

Run Time	00:00:26.534
Remaining Time	00:00:00.0
Type	Model
Key	stackedensemble-4
Description	StackedEnsemble
Status	DONE
Progress	100%
	Done.
Actions	View

Model

Model ID: stackedensemble-4

Algorithm: Stacked Ensemble

Actions: Refresh | Predict... | Download POJO | Download Model Deployment Package (MOJO) | Export | Inspect | Delete | Download Gen Model

▸ MODEL PARAMETERS

▸ OUTPUT

▸ NAMES

▸ COLUMN_TYPES

▸ DOMAINS

▾ OUTPUT - TRAINING_METRICS

model	stackedensemble-4
model_checksum	-1219408000543728064
frame	train.hex
frame_checksum	-4933500844521803980
description	·
model_category	Regression
scoring_time	1568290344441
predictions	·
MSE	0.011754
RMSE	0.108417
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.926284
mean_residual_deviance	0.011754
mae	0.076771
rmsle	0.008391

Notebook saved. ×

▾ OUTPUT - VALIDATION_METRICS

model	metalearner_deeplearning_stackedensemble-4
model_checksum	-1569179343419488056
frame	·
frame_checksum	0
description	Metrics reported on full validation frame
model_category	Regression
scoring_time	1568290343908
predictions	·
MSE	0.011754
RMSE	0.108417
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.926284
mean_residual_deviance	0.011754
mae	0.076771
rmsle	0.008391

▾ OUTPUT - CROSS_VALIDATION_METRICS

model	stackedensemble-4
model_checksum	-1219408000543728064
frame	·
frame_checksum	0
description	10-fold cross-validation on training data (Metrics computed for combined holdout predictions)
model_category	Regression
scoring_time	1568290343915
predictions	·
MSE	0.015660
RMSE	0.125139
nobs	1460
custom_metric_name	·
custom_metric_value	0
r2	0.901791
mean_residual_deviance	0.015660
mae	0.084490
rmsle	0.009684

▸ OUTPUT - HELP

Import Files

Search: c:\Users\vigarcia\Desktop\Ames\H2o\test.csv

Search Results: (All files added)

Selected Files: 1 file selected: Clear All

✕ c:\Users\vigarcia\Desktop\Ames\H2o\test.csv

Notebook saved. ×

Actions: Import

1 / 1 files imported.

Files c:\Users\vigarcia\Desktop\Ames\H2o\test.csv

Actions Parse these files...

Setup Parse

PARSE CONFIGURATION

Sources nfs:\c:\Users\vigarcia\Desktop\Ames\H2o\test.csv

ID test.hex

Parser CSV

Separator ,: '044'

Column Headers
- ○ Auto
- ◉ First row contains column names
- ○ First row contains data

Options
- ☐ Enable single quotes as a field quotation character
- ☑ Delete on done

EDIT COLUMN NAMES AND TYPES

Search by column name...

1	LotFrontage	Numeric	0.570487760272347	0.607772211096702	0.336630506778965	0.494517687866813	-
2	LotArea	Numeric	0.591929732696824	1.02284382361456	0.957467314970097	0.271417544107295	-
3	YearBuilt	Numeric	-0.340451884309732	-0.439489759302268	0.848002615600702	0.881015240598214	0
4	MasVnrArea	Numeric	-0.793325290666826	0.99663996249748	-0.793325290666826	0.368300219273952	-
5	BsmtFinSF2	Numeric	2.28676629912033	-0.362503310368561	-0.362503310368561	-0.362503310368561	-
6	BsmtUnfSF	Numeric	-0.0123569576965637	0.205201542622082	-0.37337166465698	0.0848456763697223	0
7	X1stFlrSF	Numeric	-0.638028771631538	0.599655200471735	-0.527882116637137	-0.534654317556841	0
8	X2ndFlrSF	Numeric	-0.86346176331678	-0.86346176331678	1.13650365644216	1.12633824936818	-
9	LowQualFinS	Numeric	-0.116912359625568	-0.116912359625568	-0.116912359625568	-0.116912359625568	-
10	GrLivArea	Numeric	-1.43539244006781	-0.207526275091078	0.426550944793843	0.378368006877186	-
11	BsmtFullBat	Numeric	-0.818788806759497	-0.818788806759497	-0.818788806759497	-0.818788806759497	-
12	BsmtHalfBat	Numeric	-0.251501295144843	-0.251501295144843	-0.251501295144843	-0.251501295144843	-
13	FullBath	Numeric	-1.02718682967726	-1.02718682967726	0.781231961533791	0.781231961533791	0
14	HalfBath	Numeric	-0.756191470389888	1.23238772066244	1.23238772066244	1.23238772066244	-
15	BedroomAbvG	Numeric	-1.04562212096852	0.169897979034312	0.169897979034312	0.169897979034312	-

← Previous page → Next page

Parse

Job

Run Time 00:00:00.191

Remaining Time 00:00:00.0

Type Frame

Key test.hex

Description Parse

Status DONE

Progress 100%

Done.

Actions View

Notebook saved.

test.hex

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	*Columns*	*Compressed Size*
1459	163	407KB

COLUMN SUMMARIES

label	*type*	*Missing*	*Zeros*	*+Inf*	*-Inf*	*min*	*max*	*mean*	*sigma*	*cardinality*	*Actions*
LotFrontage	real	0	0	0	0	-3.3901	3.3322	-0.0293	1.0153		
LotArea	real	0	0	0	0	-3.7523	2.8468	-0.0201	1.0187		
YearBuilt	real	0	0	0	0	-3.0475	1.2772	0.0015	1.0033		
MasVnrArea	real	0	0	0	0	-0.7933	1.9398	-0.0157	0.9971		
BsmtFinSF2	real	0	0	0	0	-0.3625	3.5400	0.0136	1.0177		
BsmtUnfSF	real	0	0	0	0	-3.0092	1.0933	-0.0124	1.0083		
X1stFlrSF	real	0	0	0	0	-3.1135	2.8559	-0.0126	1.0172		
X2ndFlrSF	real	0	0	0	0	-0.8635	1.4343	-0.0107	0.9952		
LowQualFinSF	real	0	0	0	0	-0.1169	10.4533	-0.0345	0.8449		
GrLivArea	real	0	0	0	0	-3.8912	3.0823	-0.0183	0.9793		
BsmtFullBath	real	0	0	0	0	-0.8188	4.8990	0.0081	1.0112		
BsmtHalfBath	real	0	0	0	0	-0.2515	6.3098	0.0157	1.0282		
FullBath	real	0	0	0	0	-2.8356	4.3981	0.0053	1.0040		
HalfBath	real	0	0	0	0	-0.7562	3.2210	-0.0052	1.0003		
BedroomAbvGr	real	0	0	0	0	-3.4767	3.8165	-0.0076	1.0086		
KitchenAbvGr	real	0	0	0	0	-8.0597	4.3969	-0.0096	0.9879		
TotRmsAbvGrd	real	0	0	0	0	-2.1993	5.4470	-0.0423	0.9615		
Fireplaces	real	0	0	0	0	-0.9242	5.2666	-0.0246	1.0020		
GarageCars	real	0	0	0	0	-2.3170	4.2430	-0.0015	1.0195		
WoodDeckSF	real	0	0	0	0	-0.9450	1.8563	-0.0029	0.9987		

Previous 20 Columns | Next 20 Columns

CHUNK COMPRESSION SUMMARY

FRAME DISTRIBUTION SUMMARY

Predict

Name: stack1_prediction

Model: stackedensemble-1

Frame: test.hex

Actions: Predict

Prediction

PREDICTION

prediction_frame stack1_prediction

Combine predictions with frame

stack1_prediction

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	*Columns*	*Compressed Size*
1459	1	12KB

COLUMN SUMMARIES

label	type	Missing	Zeros	+Inf	-Inf	min	max	mean	sigma	cardinality	Actions
predict	real	0	0	0	0	10.6808	13.2552	12.0103	0.3972		· ·

Notebook saved. ×

← Previous 20 Columns → Next 20 Columns

▸ CHUNK COMPRESSION SUMMARY

▸ FRAME DISTRIBUTION SUMMARY

Predict

Name: stack2_prediction

Model: stackedensemble-2

Frame: test.hex

Actions: Predict

Prediction

▾ PREDICTION

prediction_frame stack2_prediction

Combine predictions with frame

stack2_prediction

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	Columns	Compressed Size
1459	1	12KB

▾ COLUMN SUMMARIES

label	type	Missing	Zeros	+Inf	-Inf	min	max	mean	sigma	cardinality	Actions
predict	real	0	0	0	0	10.8757	13.1805	12.0108	0.3961		· ·

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▸ CHUNK COMPRESSION SUMMARY

▸ FRAME DISTRIBUTION SUMMARY

Predict

Name: stack3_prediction

Model: stackedensemble-3

Frame: test.hex

Actions: Predict

Prediction

▾ PREDICTION

prediction_frame stack3_prediction

Combine predictions with frame

stack3_prediction

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	Columns	Compressed Size

Rows	Columns	Compressed Size
1459	1	12KB

Notebook saved.

▾ COLUMN SUMMARIES

label	type	Missing	Zeros	+Inf	-Inf	min	max	mean	sigma	cardinality	Actions
predict	real	0	0	0	0	10.6927	13.2060	12.0097	0.3997		· ·

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▸ CHUNK COMPRESSION SUMMARY

▸ FRAME DISTRIBUTION SUMMARY

Predict

Name: stack4_prediction

Model: stackedensemble-4

Frame: test.hex

Actions: Predict

Prediction

▾ PREDICTION

prediction_frame stack4_prediction

Combine predictions with frame

CS

stack4_prediction

Actions: View Data | Split... | Build Model... | Predict | Download | Export | Delete

Rows	Columns	Compressed Size
1459	1	12KB

▾ COLUMN SUMMARIES

label	type	Missing	Zeros	+Inf	-Inf	min	max	mean	sigma	cardinality	Actions
predict	real	0	0	0	0	10.8036	13.1689	12.0057	0.4177		· ·

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▸ CHUNK COMPRESSION SUMMARY

▸ FRAME DISTRIBUTION SUMMARY