
H2O.ai


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Introduction to ML and H2O

H2O Auto Machine Learning

Machine Learning Concepts

H2O Feature Engineering

H2O Training

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Productionalizing Models

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H2O Algorithms

Supervised Learning in H2O

- **Regression and Classification Models** Exponential distributions including Poisson, Gamma, and Tweedie are available in addition to Bernoulli, Multinomial, and Gaussian distributions.
- **Fast and CPU Efficient** Parallel and distributed computation across multiple nodes and many cores.
- **Grid Search** Hyperparameter optimization allows the user to run through many parameters before selecting the best models.
- **Early Stopping** The user can specify the metric and the incremental change in the metric as convergence.
- **Stochastic** User can specify the sample rate that the algorithm will sample the column and row by for better generalization.
- **Model Output** The model is exportable as Java code and if you find the model overfitted after a certain number of trees, it is easy to reduce the number of trees in a POJO before putting it in production without rerunning model build.

H2O Training

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