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# Automatic Tuning of Hyperparameters

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The training process of a machine learning algorithm includes tuning of hyperparameters, such as the regularization coefficient of a linear model or the depth of a decision tree. Unfortunately, it usually is conducted manually, what is very expensive to be done on a regular basis. Moreover, the growing number of hyperparameters in modern complex machine learning methods additionally complicates this problem. In our talk, we overview methods to make the process of hyperparameters tuning more autonomous, i.e. make it less requiring help of experts.

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