



SEARCH



RESOURCES



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Glossary

Key Term	Definition
Bias	The bias is known as the difference between the prediction of an ML model and the correct value. High bias results in a large error as testing data.
Grid search	A table with results of all probabilities and the best result is chosen.
K-fold cross validation	A parameter called 'k' that represents the number of groups a sample is to be split into. Then the results for all subsets are averaged.
Learning curves	A tool used in machine learning that learns from a training set and the plot shows changes in learning performance over time.
Overfitting	When a model uses a line which is too complex, as if memorized and won't generalize well. Over-complication of the problem.
Underfitting	When a model uses a line, which is too simplistic. It doesn't capture the training set. Oversimplification of the problem.
Variance	A type of error due to a model's sensitivity to small fluctuations in the training set. High variance would cause an algorithm to model the noise in the training set. This is known as overfitting.



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