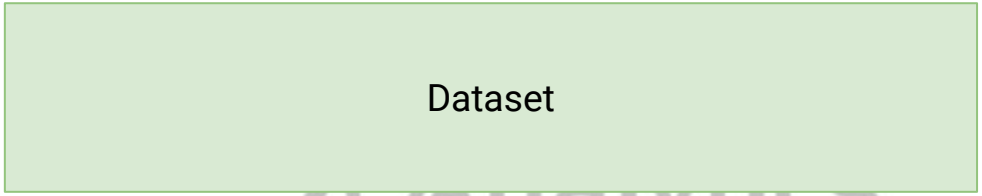
Model Improvement

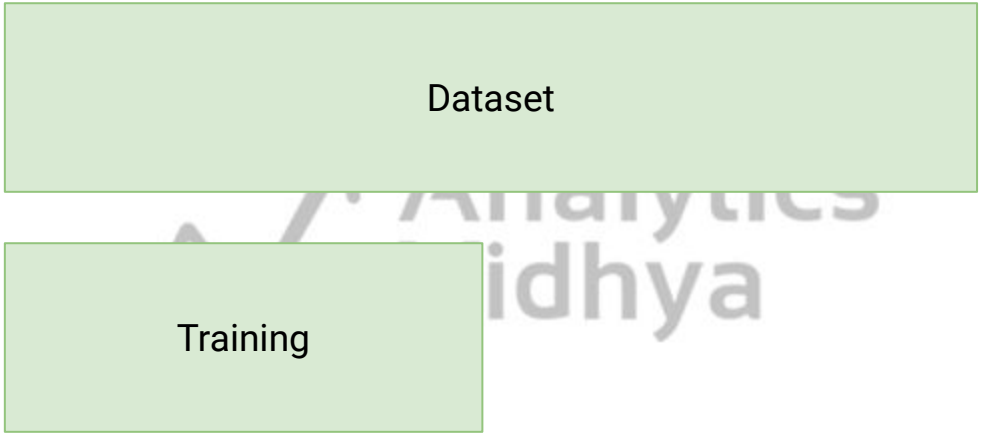
Analytics Vidhya

Hold-Out Validation



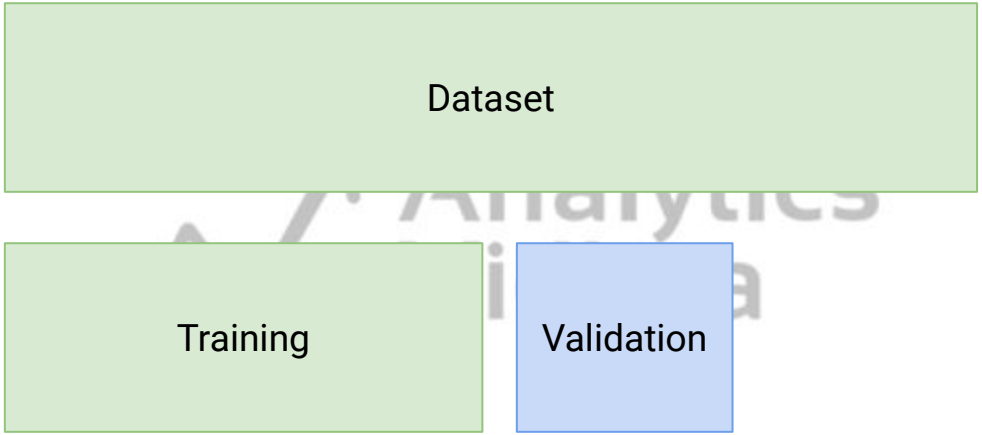
Analytics Vidhya

Hold-Out Validation



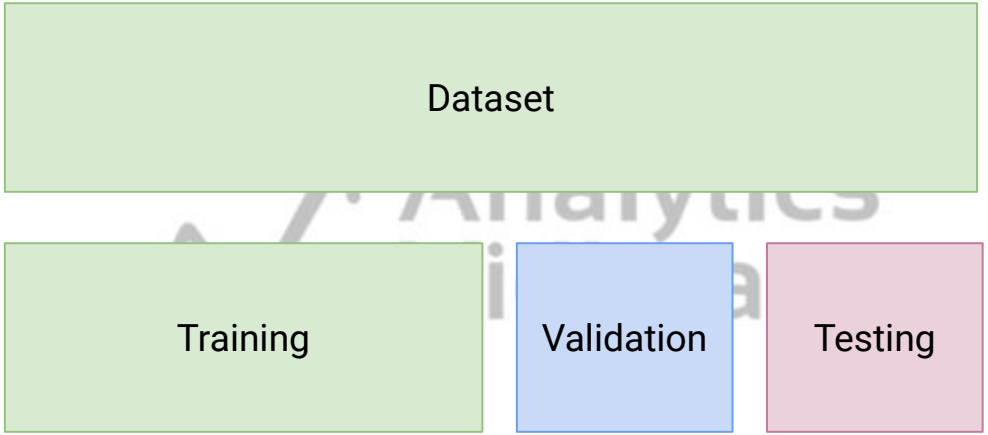
Analytics Vidhya

Hold-Out Validation



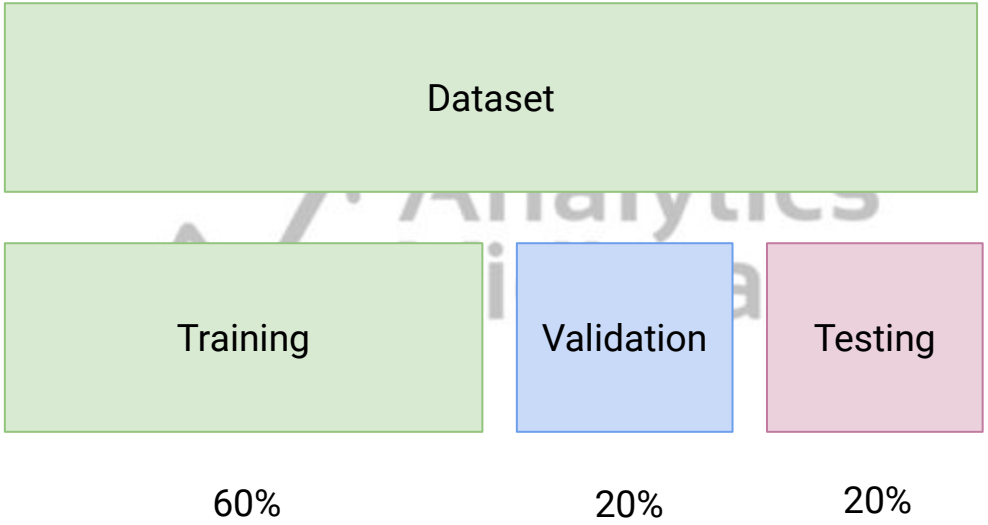
Analytics Vidhya

Hold-Out Validation



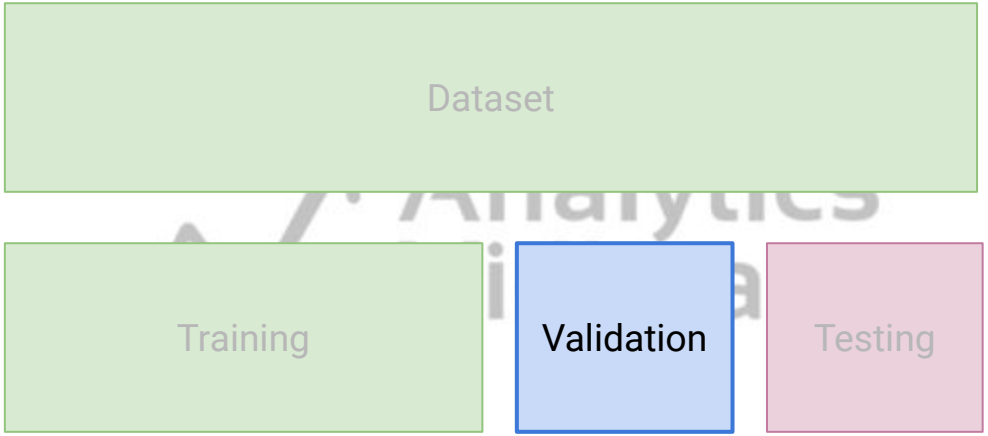
Analytics Vidhya

Hold-Out Validation



Analytics Vidhya

Hold-Out Validation



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K-Fold Cross Validation

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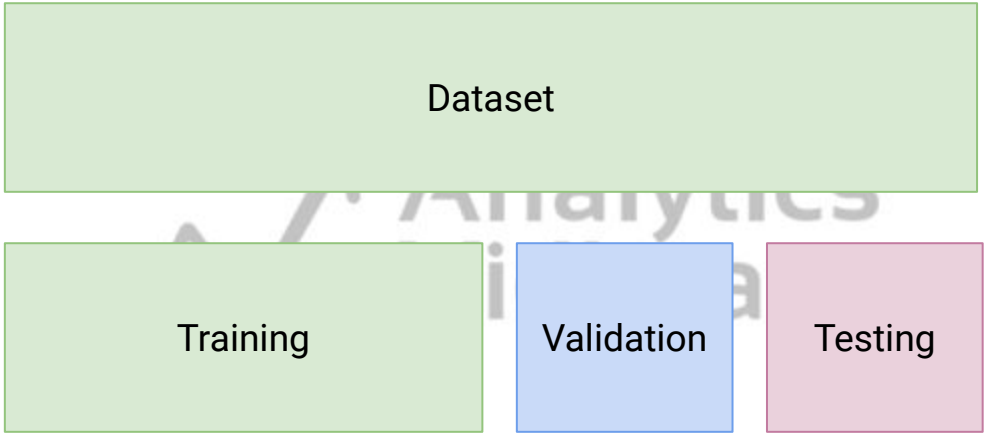
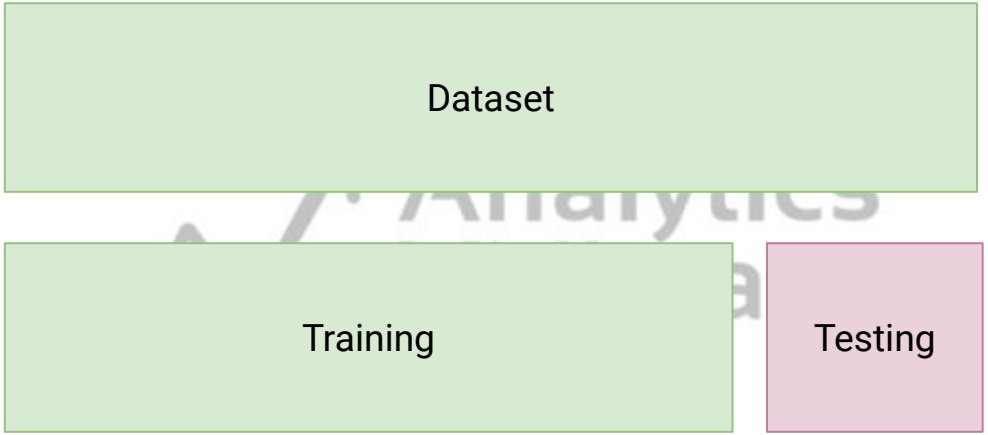
K-Fold Cross Validation



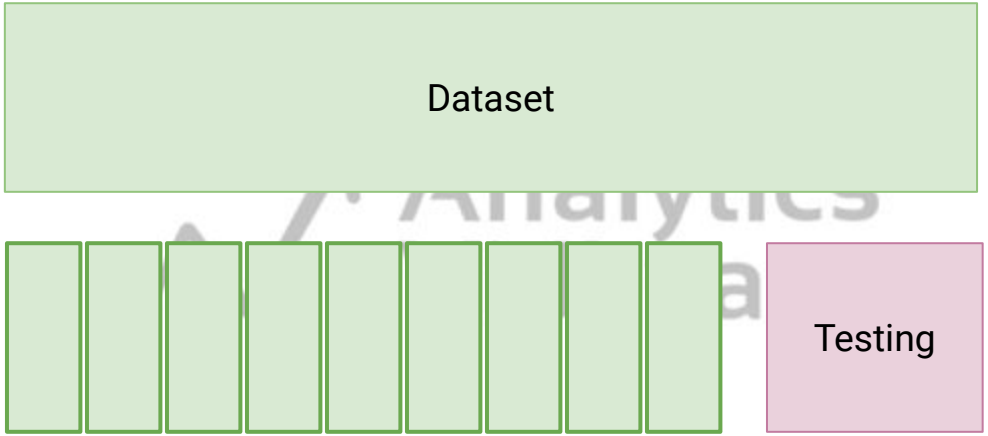
Analytics Vidhya

K-Fold Cross Validation



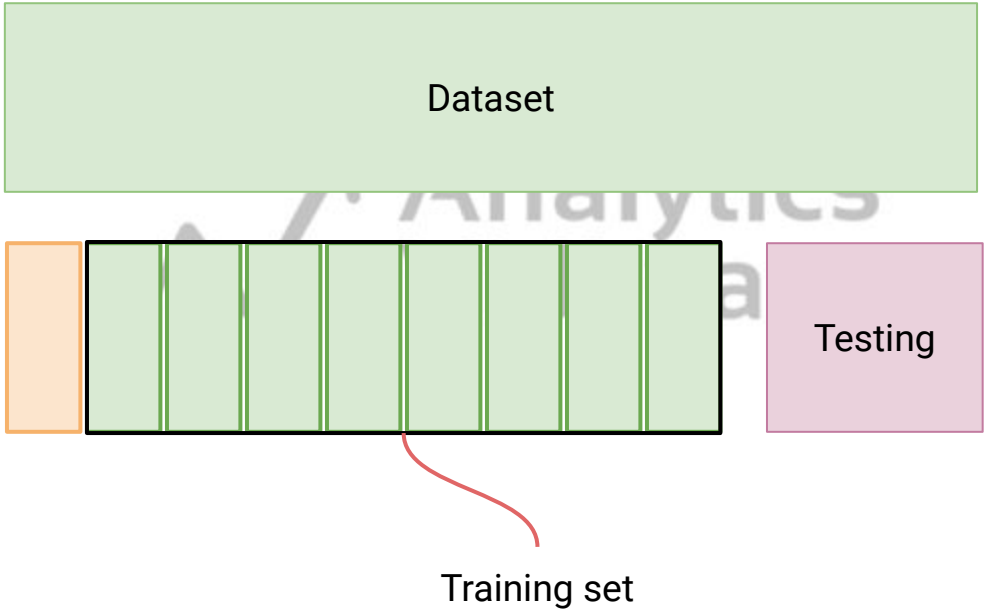
Analytics Vidhya

K-Fold Cross Validation



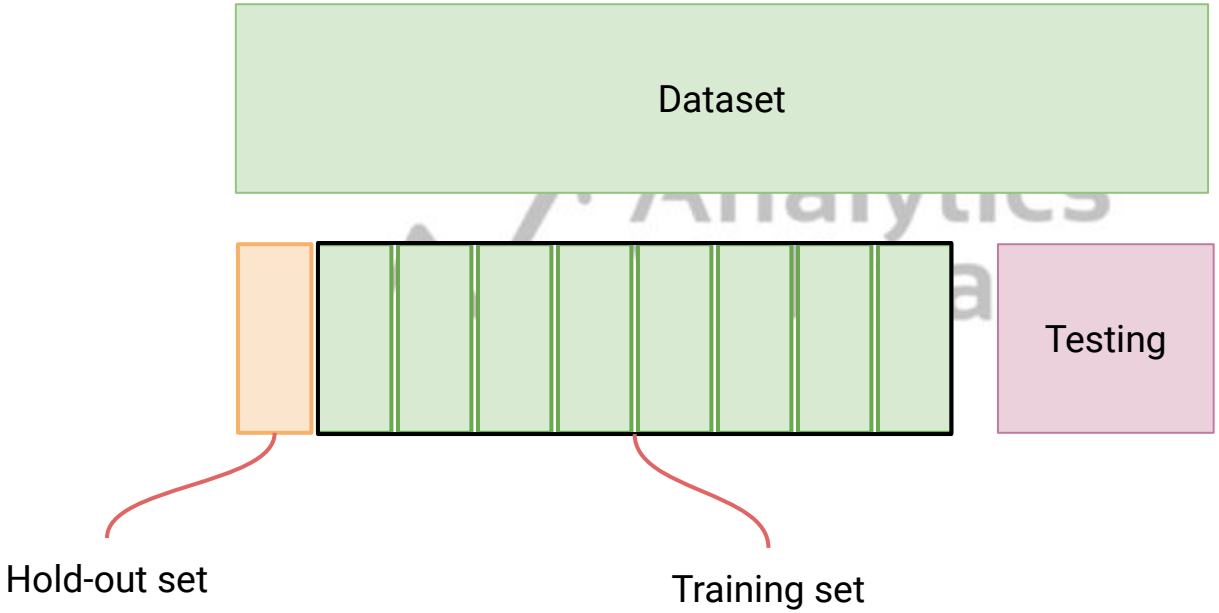
Analytics Vidhya

K-Fold Cross Validation



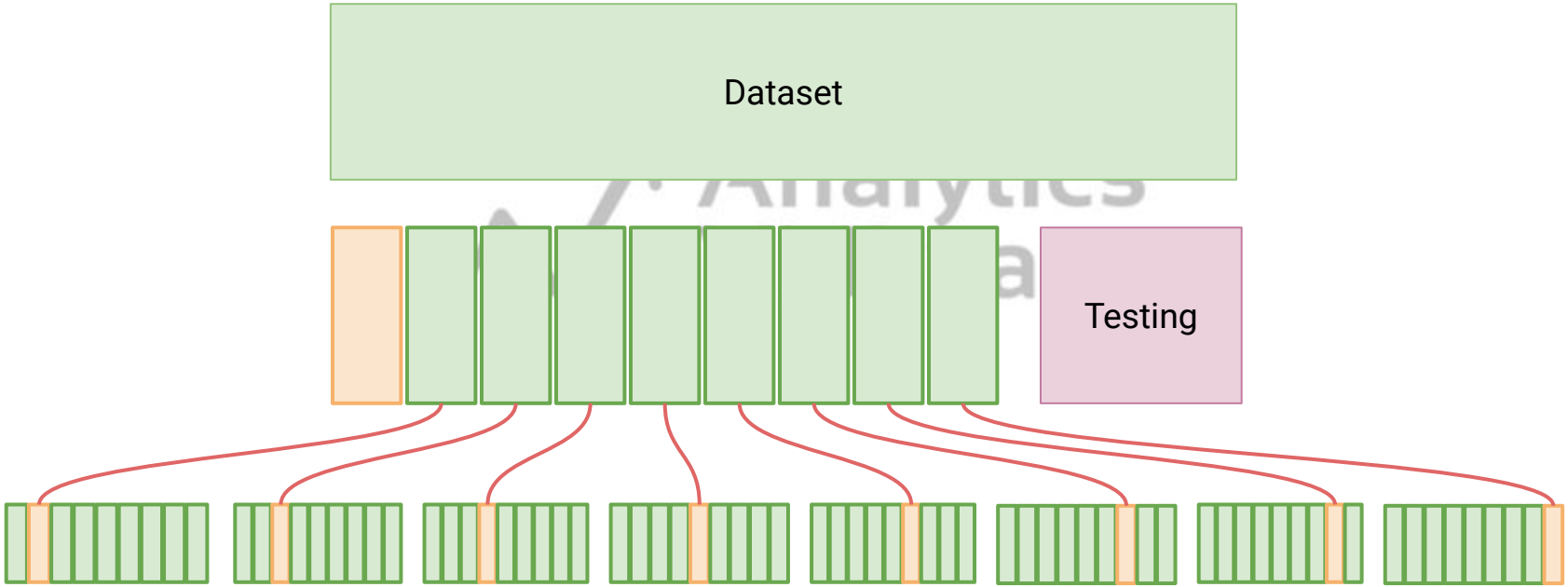
Analytics Vidhya

K-Fold Cross Validation



Analytics Vidhya

K-Fold Cross Validation



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Hyperparameter Tuning

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What are Hyperparameters?

Hyperparameters are values defined for a model before the learning process.

Regularization value in Linear Regression !

Number of trees in Random Forest !

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Hyperparameter Selection?

Grid-Search CV !!

Manual selection ?

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Grid-Search CV

HyperParameter 1

HyperParameter 2

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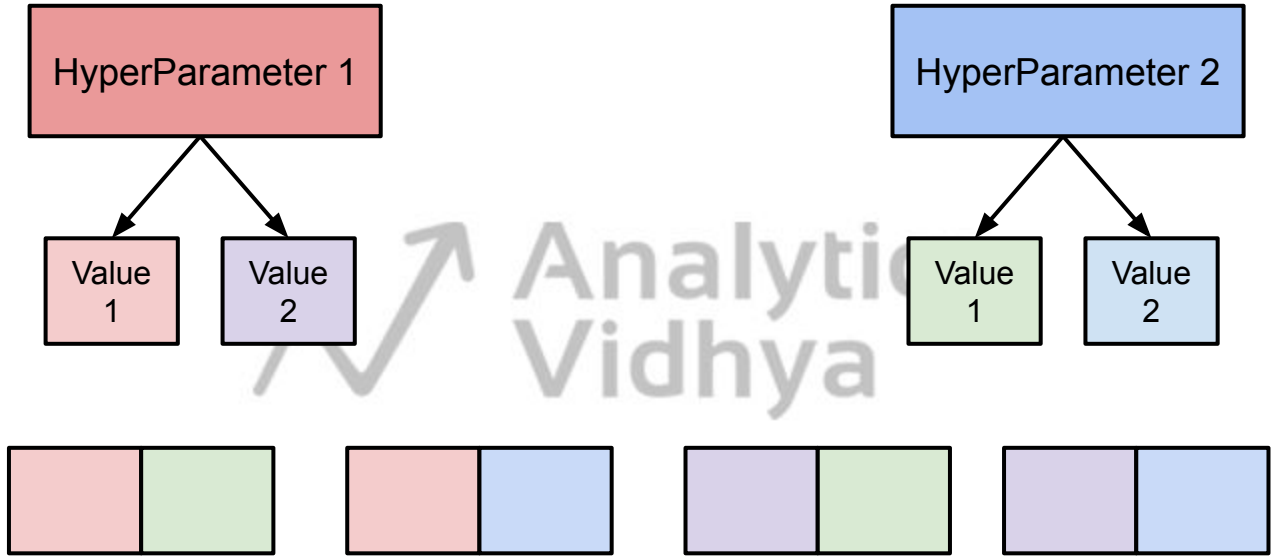
Grid-Search CV

Analytics Vidhya

Grid-Search CV



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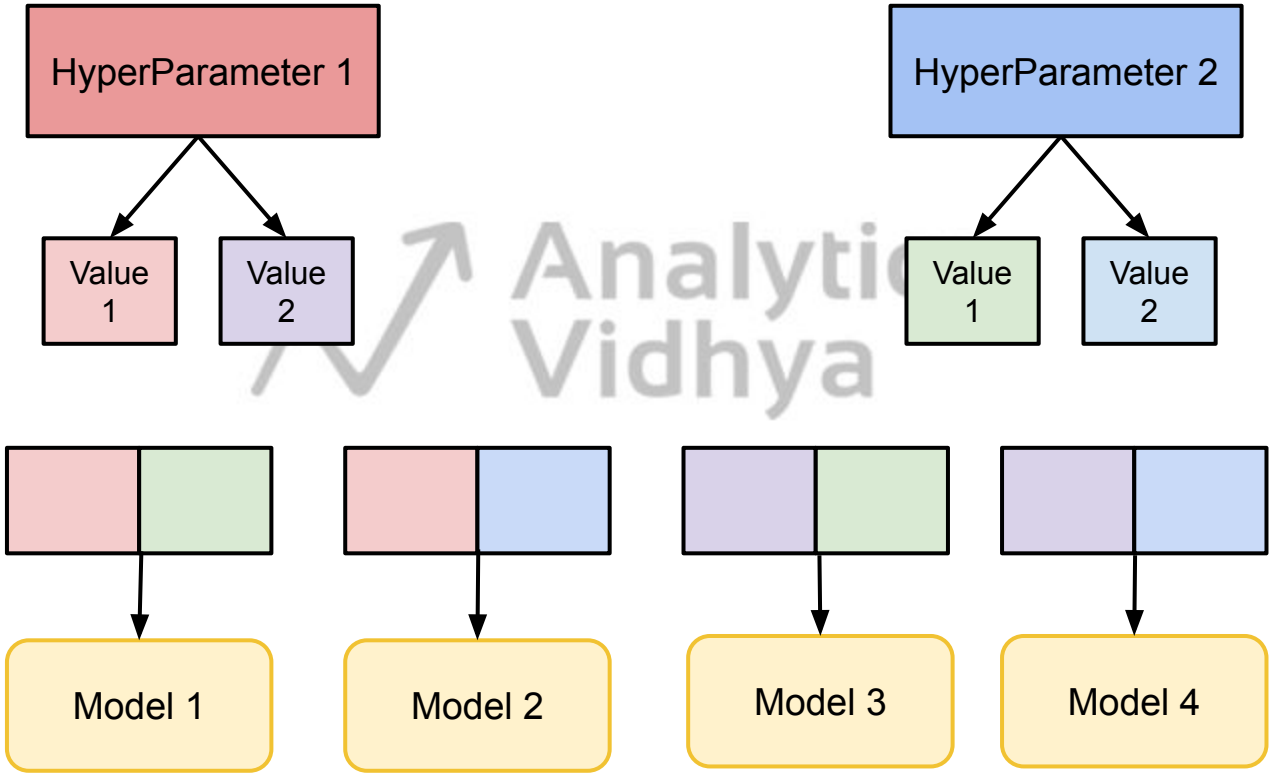
Grid-Search CV



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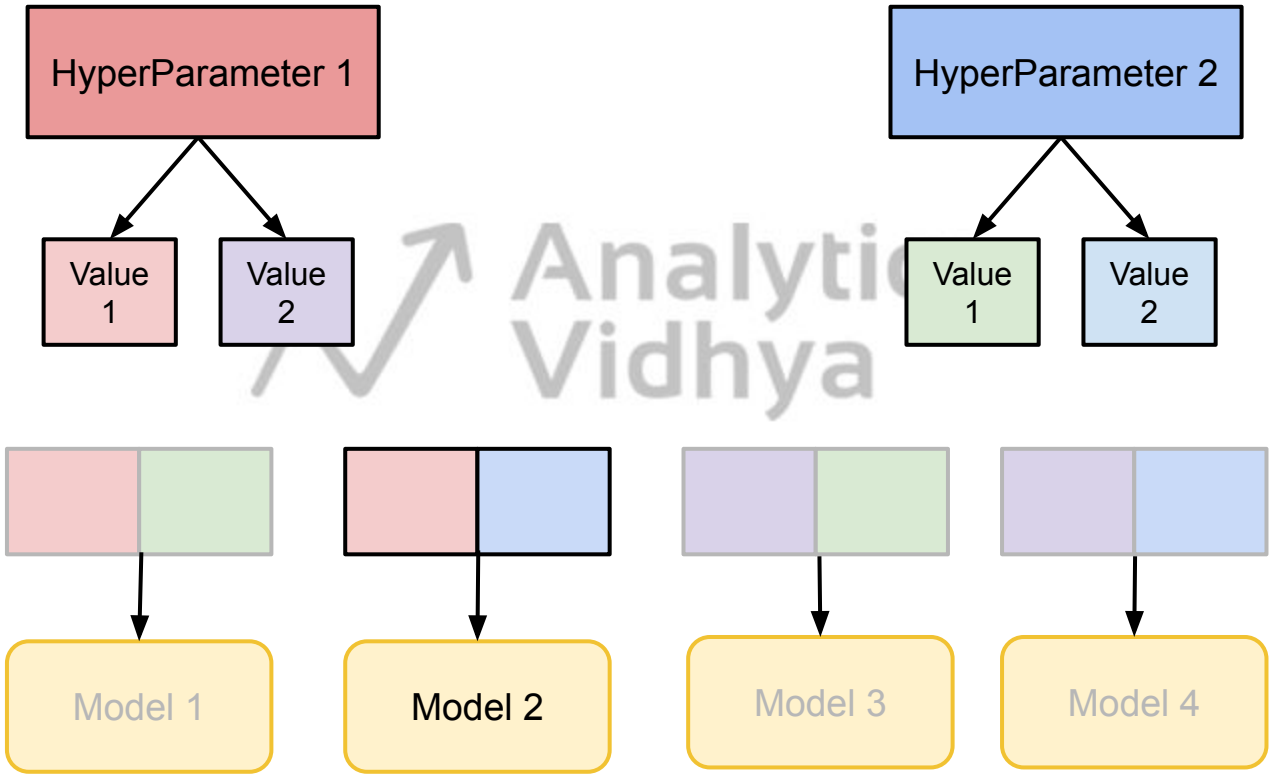
Grid-Search CV



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Thank You!!

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