Selecting the Right Hyperparameter

What are Hyperparameters?

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Hyperparameters: The values defined for the model before the learning process

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```
class sklearn.ensemble. RandomForestClassifier (n_estimators='warn', criterion='gini', max_depth=None,
min_samples_split=2, min_samples_leaf=1, min_weight_fraction_leaf=0.0, max_features='auto', max_leaf_nodes=None,
min_impurity_decrease=0.0, min_impurity_split=None, bootstrap=True, oob_score=False, n_jobs=None,
random_state=None, verbose=0, warm_start=False, class_weight=None)                                    [source]
```

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Hyperparameter Tuning

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- Manually selecting parameters

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- Parameter sweep - Grid Search

Hyperparameter Tuning

● Manually selecting parameters

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● Random Search

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