

Gini index

The Gini index measures the purity of a node in decision trees.

Random forest

An ensemble learning method that combines multiple decision trees to improve prediction accuracy and reduce overfitting.

Machine Learning Terms

Tree

Using for classification or regression

Data leakage

When information from outside the training dataset is inappropriately used, it can lead to overly optimistic performance estimates.

Hyperparameter

Using to control the learning process, like tree depth or number of trees in a random forest.

Node

Leading different branches