Gini: less computational power, selecting the best features since it’s growing till 0.5

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Post:

Full tree is generated and then the non-significant branches are pruned/removed. Cross validation is performed at every step to check whether addition of the new branch leads to increase in accuracy. If not the branch is converted to leaf node.

This technique is used when decision tree will have very large depth and will show overfitting of model.

Pre:

 This approach stops the non-significant branches from generating. It terminates the generation of new branch based on the given condition.

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Criteria:

Depth of the tree

Accuracy resulst