

# Decision Trees

Month 2: Classical Machine Learning | Week 7: Trees & Ensembles | Day 1

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## Theory & Concepts

**Watch:** StatQuest's Decision Trees (18 min). Concept: Gini Impurity, information gain, root nodes.

## Practice Exercises

**Python:** Train a `DecisionTreeClassifier`. Use `plot_tree` to visualize the actual tree structure.

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Estimated Time: 2h

Completed: [ ]

*Notes:*

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