Module 14: Decision Trees

Glossary

Branch

A connection between nodes

Entropy

The degree of impurity or uncertainty in a set of observations

Internal Node

A node that has two or more branches and can be split further

Leaf Node

A node that can no longer be split

Pruning

A set of techniques to 'trim' branches from the decision tree, making the tree faster to compute

Root Node

The beginning node of a decision tree

Weighted Entropy

The entropy of a node multiplied by the fraction of samples in that node