

Module 4: Machine Learning Techniques Using R Part-2

Assignment

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1. Build a decision tree for the 'iris' data with function 'ctree()' in package "party" 2

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1. Build a decision tree for the 'iris' data with function 'ctree()' in package "party".

Description:

Ctree(): Builds a decision tree.

Predict(): Makes prediction for new data.

The function ctree() provides some parameters such as:

- MinSplit
- MinBucket
- MaxSurrogate
- MaxDepth

These parameters control the training of decision trees.

The following are used to predict Species of flowers:

- Sepal.Length
- Sepal.Width
- Petal.Length
- Petal.Width