

Part 1.1-a

There are 3 levels

Part 1.1-b

Level 1, Vertex 1: Default class label is setosa

Level 2, Vertex 1: Default class label is setosa

Level 2, Vertex 2: Default class label is versicolor

Level 3, Vertex 1: Default class label is versicolor

Level 3, Vertex 2: Default class label is virginica

Part 1.1-c

Level 1, split on attribute: Petal.Length. Split points: < 2.5 left

subtree, ≥ 2.5 right subtree

Level 2, split on attribute: Petal.Width. Split points: < 1.8 left subtree, \geq

1.8 right subtree

Part 1.1-d-i

Indicates the probability that the current node belongs to three

categories

Part 1.1-d-ii

The proportion of the number of data classified by the current node