Data classes in Decision tree

Leaf:

- predictions : Dictionary storing number of classes - prediction_label: Follows majority voting(Assigns class which is maximum in the leaf) - depth : depth of leaf node

provided.

Partition:

Dataset_partition_point:

- column: column number where partition occurs - column_value: value of the column

DecisionNode:

- dataset_partition_point: Instance of it - true_branch: Reference to positive rows - false_branch: reference to negative rows - rows: part of the dataset after the split at this node.

