DT backup

(c) Draw the decision tree that would be learned by the ID3 algorithm without pruning from this training data.

Feature has a higher information gain, so place it at the root of the tree. Then split on the only remaining feature - . After that, there will not be any more features to split on. Perfect split is not achieved, but we can take the majority class in a given leaf and make that the decision.

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With prouning

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