

Exercise01 PracticalApplication ::: Build DecisionTree By Hand

_1. Build a DecisionTree using the Iris Data Subset given below :::

Petal length in cm	Petal width in cm	Class
1.4	0.2	Iris-setosa
1.5	0.2	Iris-setosa
1.3	0.2	Iris-setosa
6.0	2.5	Iris-virginica
5.1	1.9	Iris-virginica



_2. Follow Steps for ID3 Algorithm given on Slides 21-31 in
DecisionTree_RandomForest PowerPoint Link :

http://webpages.uncc.edu/aatzache/DecisionTree_OnlineModule_Tzacheva/DecisionTrees_ID3_RandomForest_Combined.ppt

Testing object:



_3. Analyze the Tree to Determine the Class of the following object :
Testing object: (Hint : Traverse the Tree from Root to Leaf).

Petal length in cm	Petal width in cm	Class
5.1	1.8	?