

Individual assignment 2

Write a short-term paper about the Decision tree (not more than 4 pages)

What it is?

Why it is important? What is the goal of the decision tree

What are the types of decision tree

Important terminologies, concepts, and assumptions in the decision tree

Steps in implementing decision tree

What is attribute selection in the decision tree algorithm and what type of attribute selection measure is often implemented in the decision tree?

Explain one of the following attribute selection criteria with an example

Entropy, Information gain, Gini index, Gain Ratio, Reduction in Variance. Chi-Square