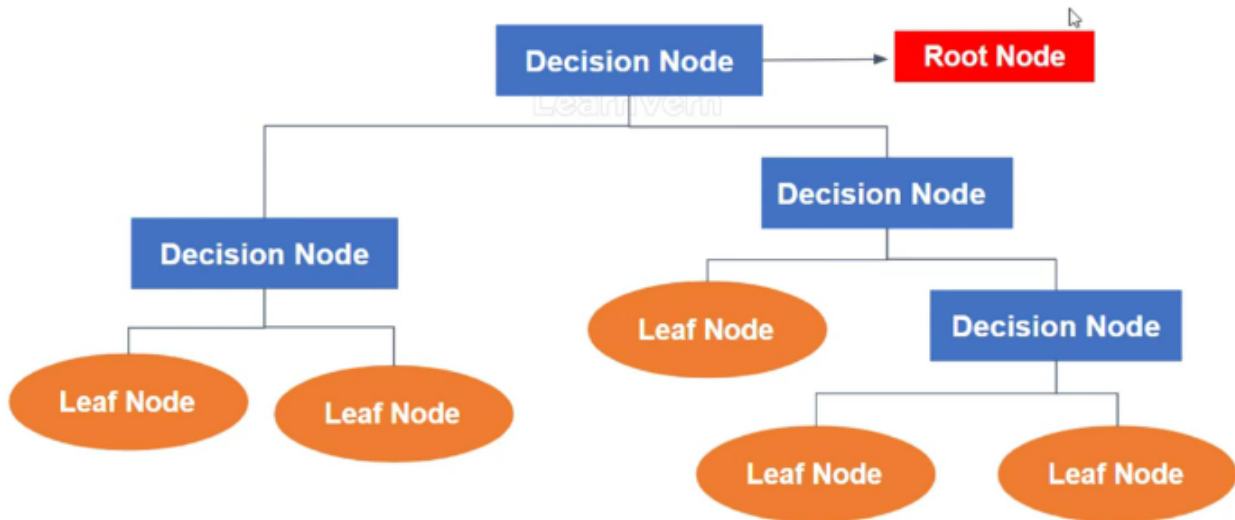1)**Decision tree can be used for both regression and classifiation problems.**
2)**It uses a tree structure to specify of decision.**

This is the picture to have some knowledge about decision tree.

There are two famous algorithms in decision tree:

- CART (Classification and regression tree) and it uses Gini index(Classification) as metric.
- ID3 (Iterative Dichotomiser 3) and it uses entropy function and information gain metrics.
- These both algorithms are used to find purity and impurity if purity then it is easy for algorithm to take decision and if impurity then it is a bit complex for algorithm to take decision.