

Week 5

Lesson : Decision Tree

Choose the correct answer from the following questions:

1. A _____ is a tree like a structure that is used to make decisions based on a question at each node.
 - a) Branch.
 - b) Decision tree
 - c) Leaf node
 - d) Root node.

2. _____ connect the root node with other nodes in the tree.
 - a) Root node.
 - b) Decision tree
 - c) Leaf node
 - d) Branch.

3. The first node of the tree is known as the _____.
 - a) Decision tree
 - b) Leaf node
 - c) Root node.
 - d) Branch.

4. The last nodes in the tree are called _____, it represents the final decision for each action.
 - a) Branch.
 - b) Decision tree
 - c) Leaf node
 - d) Root node.

5. The number of levels from the root node to the farthest node is known as the _____ of the tree.
 - a) Data.
 - b) Decision tree.
 - c) Leaf node.
 - d) Depth.

6. The depth of the decision tree is _____

- a) 2
- b) 3
- c) 4
- d) 5

