**Experiment no :- 9**

**Aim:-** Implementation of Decision Tree.

**Theory:-**

• A Supervised Machine Learning Algorithm, used to build classification and regression models in the form of a tree structure.

• A decision tree is a tree where each –

• Node - a feature(attribute)

• Branch - a decision(rule)

• Leaf - an outcome(categorical or continuous)

**Scenario:-**

Implement CART on 14 instances of golf playing decisions based on outlook, temperature, humidity and wind factors













