

## **ASSIGNMENT 5**

**(MARKS: 10%)**

### **INSTRUCTION:**

1. Follow the lecturer's instructions and submit the answer through UBL E-Learning.
2. Provide the answers as individual assignment.
3. Deadline of submission is 18 June 2021.

### **TASK:**

- 1) Provide the table of comparison (strength and weakness) for Clustering Algorithms as follows:
  - a. K means clustering
  - b. Hierarchical clustering
  - c. Density based clustering
- 2) Provide the table of comparison (strength and weakness) for Classification Techniques as follows:
  - a. Decision tree based methods
  - b. Rule based methods
  - c. Memory based reasoning
  - d. Neural networks
  - e. Naïve Bayes
  - f. Support vector machines
  - g. Any other method

**(20 Marks)**