CA-2 odd

INT-234

Predictive Analytics

Roll No:\_\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Note:**

**1. All questions are compulsory.**

**2. Copy cases will be awarded zero without any explanation.**

**3. Each question is of 15 marks.**

Q1. Use the wisc\_bc\_data.csv file and create a decision tree. diagnosis

is the output variable. Train your machine with 80% data so that it can make predictions. Also explain the conclusion derived from the decision tree. Also create the confusion matrix and find the accuracy.

Q2. Use insurance.csv file and apply multiple linear regression on it. Consider charges as a dependent variable and rest as independent variables.