

**Assignment No-1 : ODD Semester 2024-25**

**Course: BCA-DS**

**Date of Issue: 10/09/24**

**Subject Name: MACHINE LEARNING -1**

**Subject Code: BCA-DS-302**

**Semester: 5<sup>th</sup>**

**Date of Submission: 13/09/24**

**Max. Marks: 20**

**Learning Outcomes:**

**LO1:** To clear concept of Machine Learning.

**LO2:** To clear concept of Type of ML

**LO3:** To learn representation of dataset using Supervised Learning .

Q1. What do you understand by these? Explain

- What is ML and types of ML
- Application Of ML
- Data Representation (Numerical And Graphical )

[6](CO-1)

Q2. What do you understand by these? Explain

- KNN Algorithm
- Decision Tree Algorithm

[6](CO-2)

Q3. What is linear regression? Explain the types of Linear Regression and Explain difference between logistic and linear Regression.

[4](CO-1)

Q4. Explain Naïve Bayes Algorithm with Example.

[4](CO-2)