Module 2: Introduction to Machine Learning Assignment

Problem Statement:

You work in XYZ Corporation as a Machine Learning Engineer. The corporation wants you to build a system that can predict the salary of an employee based on the experience of the employee in number of years.

Tasks to be performed:

1. Load the dataset using pandas.

2. Separate Dataset into training and testing sets

3. Train a model to make predictions based on number of years as experience.

4. Plot and visualize the training data, testing data and the regression line

5. Check the model accuracy using the R2 score of the model