Day3 Questions

1. The dataset (Immunotherapy.csv) contains information about wart treatment results of 90 patients using immunotherapy. Develop a KNN Classifier to predict the success of the treatment. Print confusion matrix. Also plot the graph showing the variation of accuracy score for the different values of k.
2. Identify a suitable dataset from your area of interest for a classification problem (Should not be the same as Day1 solution). Develop an ML model to do prediction. Print confusion matrix and accuracy score.
3. Develop a KNN model for the above data and do accuracy computation with cross validation.
4. Develop an ML model for predicting sales for the Advertising data (Advertising.csv file) using Linear Regression.
5. Develop an ML model to predict the home price from interest rate.(loan.csv file)
6. Develop an ML model to predict the average parking rates per month for a city from the city related data (city.csv)
7. Apply Linear Regression on any suitable dataset from this link (https://people.sc.fsu.edu/~jburkardt/datasets/regression/regression.html)

   Split the data as train and test sets before developing the model. Plot the actual and predicted points for test data. Obtain mean squared error & RMSE value