**Assignment 1**

*Description of the forecasting problem*

This forecasting problem deals with predicting the housing prices based on the attributes of a house like number of bedrooms, number of bathrooms, number of floors and the total area of the house in square feet.

Y (Variable of interest) = Price of the house

X1 = number of bedrooms

X2 = number of bathrooms

X3 = number of floors

X4 = Total area in square feet

Where X1, X2, X3 and X4 are the independent variables/attributes, based on the values of which the dependent variable Y can be predicted.