**LAB EXERCISE**

**CREATING SIMPLE MODEL USING EXCEL AND WEKA**

**Question 1** - Develop Regression model using Exce1

1. Open file sellingprice.csv
2. Find min, max, average and standard deviation for each variable.

House Size

Min – 2200

Max – 4032

Mean – 3132

Std dev – 655.121

Lot Size

Min – 9191

Max – 19994

Mean – 11788.143

Std dev – 4000.294

Bedrooms

Min – 4

Max – 6

Mean – 5

Std Dev – 0.816

Granite

Min – 0

Max – 1

Mean – 0.429

Std dev – 0.535

Bathroom

Min -0

Max – 1

Mean – 0.714

Std dev – 0.488

Selling Price

Min – 189900

Max – 325000

Mean – 223957.143

Std dev – 47052.838

1. Create a scatter plot (select Scatter with Only Markers),
   1. for houseSize vs. sellingPrice and
   2. bedrooms vs. sellingPrice.
2. Apply Regression.
3. Discuss how to apply the formula to predict new data.

**Question 2** - Using the same dataset in Question 1, develop Regression model using WEKA.