1. consider the housing data set and print the data set then plot the following [Atul Gupta has the data set in excel :-)

1. scatter graph

2. regression line

3. Histogram

2. Given CA Final Pass Percentage of Past few years and plot visualization graphs [Excel sheet upload]

3. The following is a list of price (in dollars) of birthday cards in various stores, make a frequency distribution table and then plot a histogram.

1.45 2.20 0.75 1.23 1.25

1.25 3.09 1.99 2.00 0.78

1.32 2.25 3.15 3.85 0.52

0.99 1.38 1.75 1.22 1.75

4. From the given data plot the following,

i) scatter plot

ii) line of best fit.

|  |  |
| --- | --- |
| Temperature in Celsius | Ice cream sales |
| 14.2 | 215 |
| 16.4 | 325 |
| 11.9 | 185 |
| 15.2 | 332 |
| 18.5 | 406 |
| 22.1 | 522 |
| 19.4 | 412 |
| 25.1 | 614 |