**1**. Consider the following data on distances traveled by 40 people to visit the local amusement park.

|  |  |
| --- | --- |
| distance | freq |
| 1-8 | 15 |
| 9-16 | 12 |
| 17-24 | 7 |
| 25-32 | 5 |
| 33-40 | 1 |
| total | 40 |

Expand and construct the table adding columns for relative frequency and cumulative relative frequency.

**2**. For the above Table (in question 1) construct the histogram of frequencies, plot the frequency polygon and the Ogive curve using Excel