ASSIGNMENT 2

1. Most common characteristics used in descriptive statistics?

Ans. The most common characteristics used are:

1. Measures of central tendency- mean, mode and median.
2. Measures of dispersion- range, interquartile range and standard deviation.
3. What is quantitative data and qualitative data?

Ans: Data which can be expressed as number is quantitative data. While data which can’t be expressed as number is qualitative data.

Example:

Quantitative- Height of students, age of boys and girls, etc.

Qualitative- Gender, eye color, etc.

1. How to calculate range and interquartile range?

Ans: R=H-L

R=range

H=highest value

L=lowest value

IQR = Q3-Q1

IQR=interquartile range

Q1= 25th percentile

Q3= 75th percentile