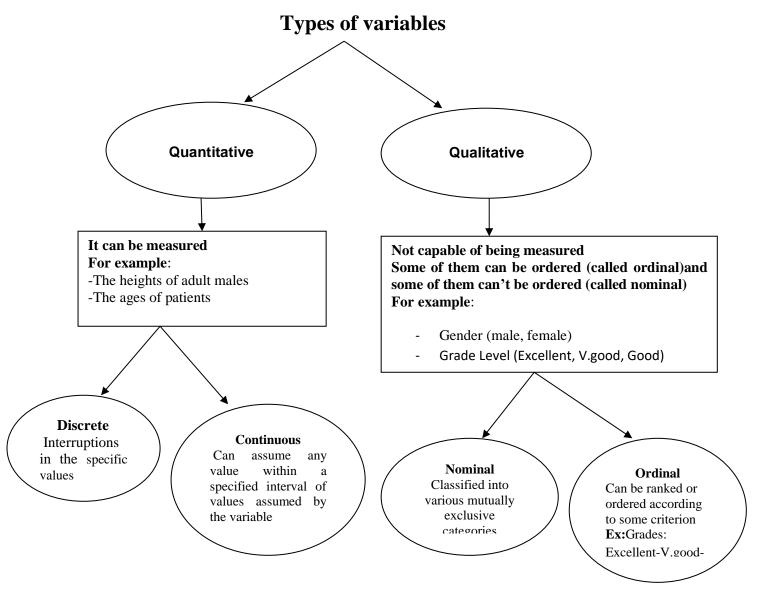


Population: Media of study. Can be Limited and Unlimited

Sample: is a specific part of statistical population that represented the population correctly.

Sampling is a process of selecting samples from a group or population to become the foundation for estimating the outcome of the population and to detect the unknown piece of information.

Sampling techniques often depend on research objectives of a research work.



Classification is the process of arranging data into sequences and groups according to separating them into different but related parts.

Important types of classification

- a) **Geographical** (i.e. on the basis of area or region wise)
- b) Chronological (On the basis of Temporal / Historical, i.e. with respect

to time)

- c) **Qualitative** (on the basis of character / attributes)
- d) **Quantitative** (on the basis of magnitude)

a) Geographical Classification

In geographical classification, the classification is based on the geographical regions. For example:

Ex: Sales of company (In Million Rupees):

Region	Sales
North	285
South	300
East	185
West	235

b) Chronological Classification

If the statistical data are classified according to the time of its occurrence, the type of classification is called chronological classification.

Months	Sales (Rs.) in Lakhs
January	22
February	26
March	32
April	25
May	27

c) Qualitative Classification

In qualitative classifications, the data are classified according to the presence or absence of attributes in given units.

Ex: **a**) Population in to Male / Female

b) Population into Educated / Uneducated

d) **Quantitative Classification**: In Quantitative classification, the classification is based on quantitative measurements.

Ex: For a 50	marks test.	marks	obtained	bv	students	classified as:
	,			•		

Marks	No. of Student
0-10	5
10-20	7
20-30	10
30-40	25