

Q2 - Distinguish between Primary and secondary data. Explain about function of statistics.

Ans The difference between Primary and Secondary data.

Basis of comparison	Primary data	Secondary data
Meaning	Primary data means data gathered by the first-hand data gathered by the researcher himself	Secondary data means data collected by someone else earlier.
Data	Real time data	Past data
Process	very involved	quick and easy
Source	surveys, observations, experiments, questionnaires, personal interviews, etc	Government Publications, Journals, newspaper, internal records, etc

Cost of collection

Expensive

Economical

Time

Long

Short

Specific Always specific to the researcher's need. May or may not be specific to the researcher's need.

Available in

crude form

Refined form

Accuracy
Reliability

More

Relatively less

Function or uses of statistics

(1) Statistics help in providing a better understanding and exact description of a phenomenon or nature.

(2) Statistics help in the proper and efficient planning of a statistical inquiry in any field of study.

(3) Statistical help in collecting appropriate quantitative data.

(4) Statistics help in presenting ~~data~~ complex data in a suitable tabular, diagrammatic and graphic form for easy and clear comprehension of the data.