

Subject Matter of Statistics.

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(1) Descriptive Statistics: →

Descriptive Statistics refers to those methods which are used for the collection, presentation as well as analysis of data. These methods relate to such estimations as 'measurement of central tendencies' (average mean, median, mode), 'measurement of dispersion' (mean deviation, standard deviation, etc), 'measurement of correlation', etc.

Example: Descriptive statistics is used when you estimate average height of the secondary students in your school. Likewise, descriptive statistics is used when you find that marks in science and mathematics of the students in all classes are intimately related to each other.

(2) Inferential Statistics: →

Inferential statistics refers to all such methods by which conclusions are drawn relating to the universe or

population on the basis of a given sample. (In statistics, the term universe or population refers to the aggregate of all items or units relating to any subject.) For example, if your class teacher estimate average weight of the entire class (called universe or population) on the basis of average weight of only a sample of students of the class, he is using inferential statistics.

To be continued
Thank you.