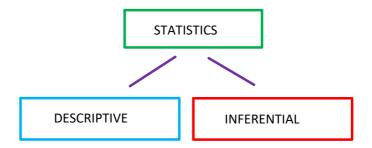
Statistics

Friday, 23 December 2022 1:36 AM

Statistics

It's a mathematical study of collection, interpretation, visualization and organization of data. With the help of statistical models we find relationship, pattern and trends of data

Two types of Statistics:-



Descriptive Statistics

Branch of statistics that summarize organizing, summarizing and describing data

Inferential Statistics

Branch of statistics that predicts or estimates data about population on sample data

Descriptive Statistics

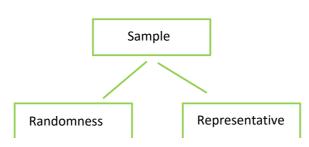
Data Kinds

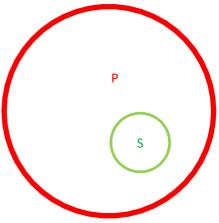
Population:-

- Collection of all items of study
- Numbers obtained here are called as Parameters
- Hard to define and observe in real life, not the most efficient way

Sample:-

- It is a subset of population
- Numbers obtained here are referred as Statistics
- · Cost friendly, time efficient and easy to observe in real life





Strictly by Chance

Reflects accurately a certain group

Itself grades also describe a certain

measurement

