

# Scope of Statistics and Types of Data

In this unit, we present the meaning of statistics, various definitions, origin and growth, functions, scope and applications to different fields such as Agriculture, Economics and many more. We also define 'data', various types of data and their measurement scales.

- Origin and Growth of Statistics
- Definitions
- Measurement Scales

## Origin and Growth of Statistics

- The origin of statistics can be traced back to the primitive man, who put notches on trees to keep an account of his belongings.
- In olden days statistics was used for political- war purpose.

## Definitions

1. 'Statistics is the science of counting' -A. L .Bowley
2. Wallist and Roberts defines statistics as "Statistics is a body of methods for making decisions in the face of uncertainty"

## Measurement Scales

There are four types of data or measurements scales called nominal, ordinal, interval and ratio. These measurement scale is made by Stanley Stevens.

**Nominal scales:** They are numerical for name sake only.

**Ordinal scales:** The order of the values is important but the differences between each one is unknown.