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Welcome everybody

What is Statistics?

Statistics is a branch of applied mathematics.

Statistics refers to numerical numbers relating to any field of inquiry.

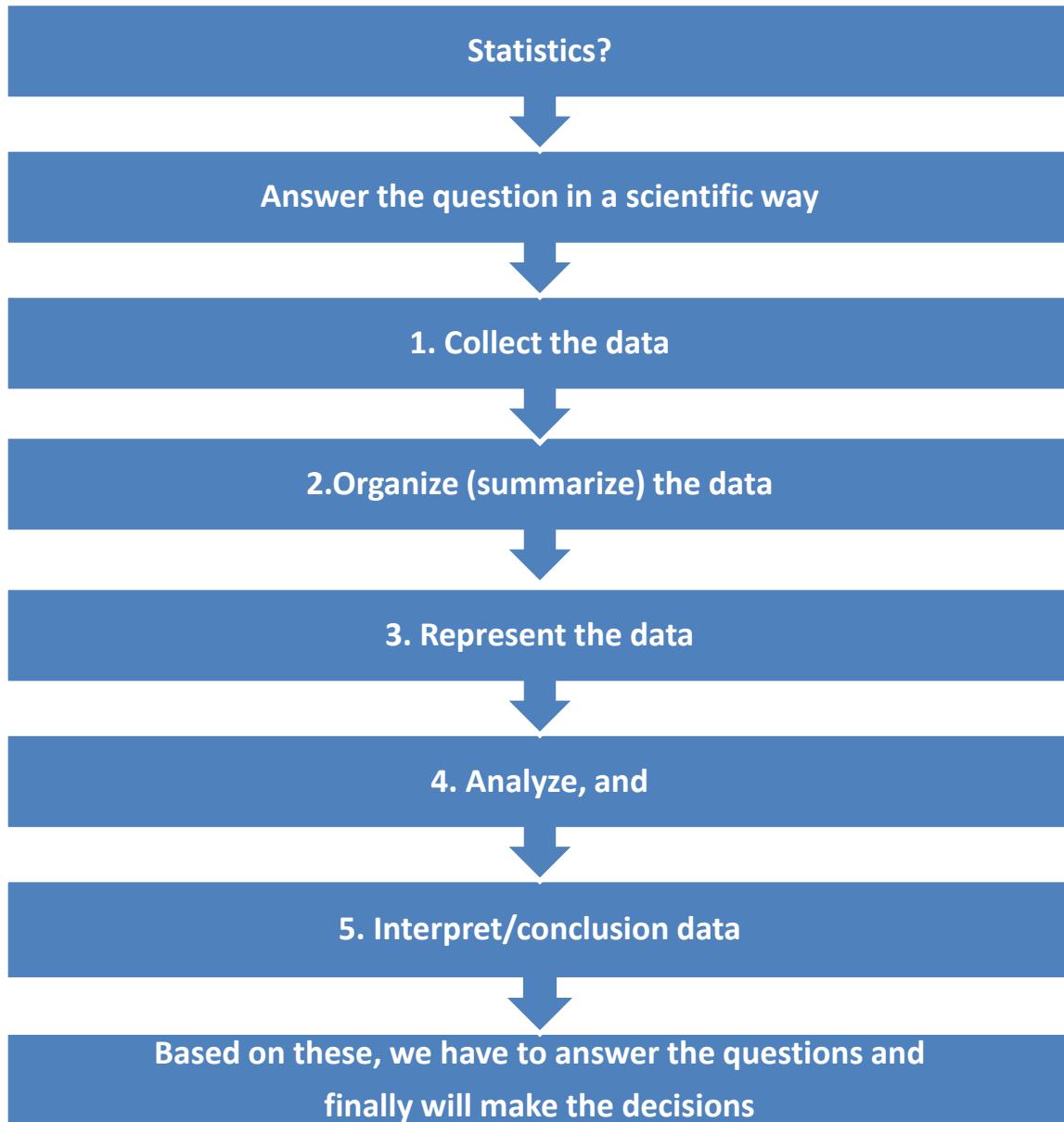
For Example:

- **Statistics of export, import and GDP of a country.**
- **Statistics of prices, income and expenditure.**
- **Statistics of population,Births and deaths etc.**

According to R.A. Fisher, who is known as the father of statistics,

**“Statistics has been defined as the science and art of collection,
organization, analysis and interpretation of numerical data.”**

In details



Why should we learn Statistics?

- As In today's world, data is all around us.
- As the amount of data increases so rapidly, and
- Technology makes it more visible to us,
- it's becoming ever more important to understand statistics.
- Statistics is magic of science
- Statistics is a unique way of getting to know the world around us and understanding it through the use of data.
- It guides our decision- and policy-making,
- it shapes our views and beliefs, and it underpins much of modern science and technology.

Uses /Scopes of statistics

- Now a-days, modern statistical methods are providing indispensable as aides
- In the physical and biological sciences,
- In economics and sociology,
- In psychology and education,
- In medicine and agriculture, and
- In government and industry.
- Life insurance premiums and annuity payments are determined from mortality table based on statistical records.
- Business executives and government functionaries use statistical methods in decision