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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.

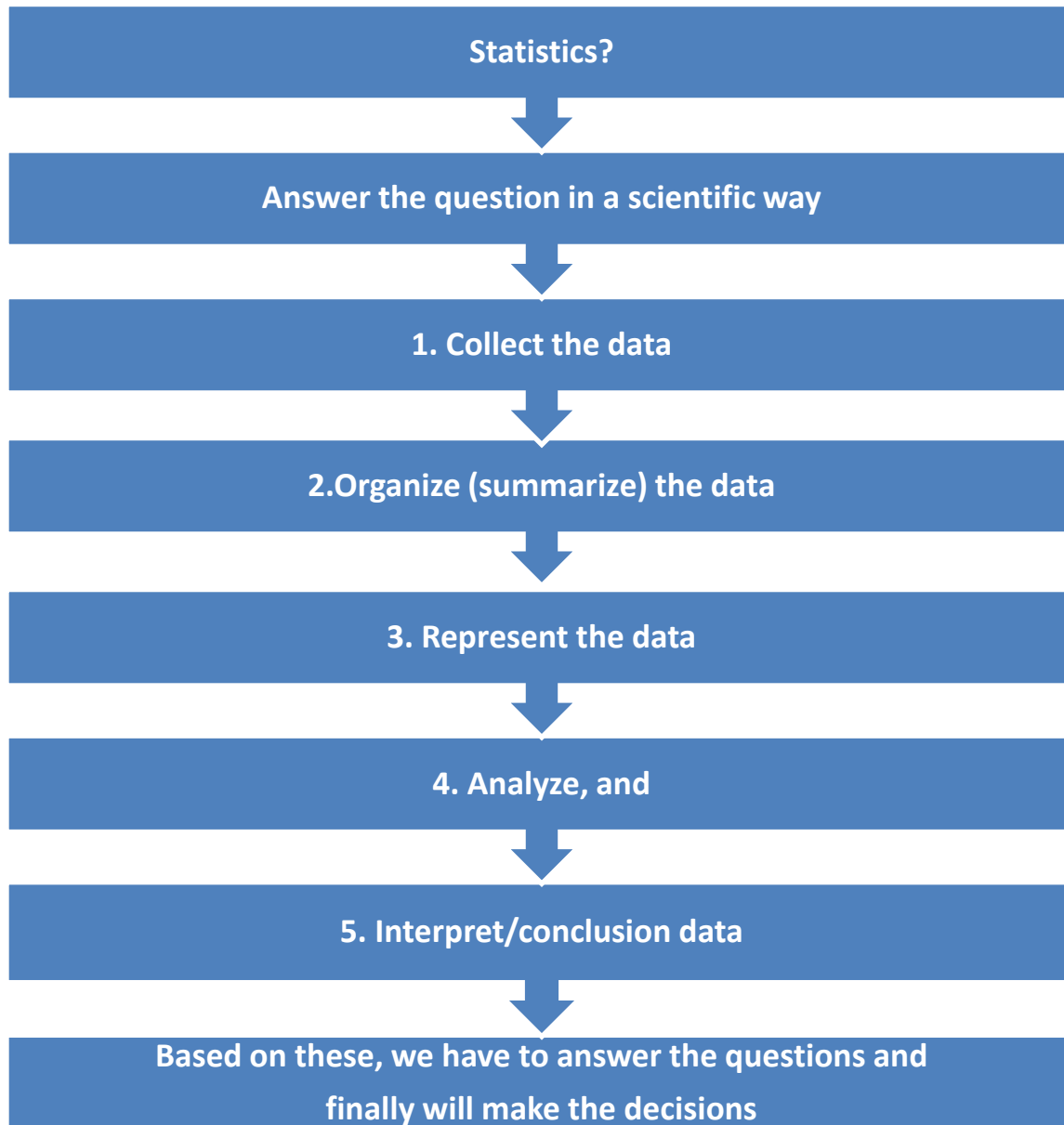
For Example:

- **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**