

Introduction to Statistics

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Outline

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What is Statistics?

- Collecting data
- Gaining insights from data
- Making decisions based on the insights gained from the data

Definition

Statistics can be defined as the art and science of:

- collecting, cleaning and organizing data
- summarizing and analyzing data
- presenting the summary or the analysis
- interpreting the analysis results
- gaining insights through analysis of data
- and finally, drawing valid conclusions and making sound decisions through the use of data.

Why Statistics is Necessary

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