

HISTORY OF STATISTICS

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INDEX:

- (i) INTRODUCTION.
- (ii) DEEFINITION OF STATISTICS.
- (iii) TYPES OF STATISTICS.
- (iv) IMPORTANCE OF STATISTICS.
- (v) SCOPES OF STATISTICS.
- (vi) LIMITATION OF STATISTICS.

INTRODUCTION:

- In the modern world of computers and information technology the importance of statistics is very well recognized by all the disciplines.
- Statistics has originated as a science of statehood and found applications slowly and steadily in agriculture.
- Economics , commerce , biology , medicine ,industry ,planning ,education and so on . As on date there is no other human walk of life , where statistics cannot be applied.
- Statistics are measurements , enumerations or estimates of natural phenomenon usually systematically arranged , analyzed and presented as to exhibit important interrelationships among them.
- Statistics has its origin in Latin word Status, Italian word Statistacs and German term Statistics all of which mean "Political State".

DEFINATION STATISTICS

- The collection, presentation, analysis and interpretation of numerical data.
- The purpose of statistics and mathematics is to manipulate, summarize and investigate data so that the useful decision-making results can be executed.
- Its representing the condition of people in a state. In particular they are the facts, which can be stated in number or in table number in any tabular or classified in arrangement.

TYPES OF STATISTICS

(1) Descriptive Statistics:-

- (a) Measures of Frequency
- (b) measures of central tendency.
- (c) measures of dispersion.
- (d) Measures of Position.

(2) Inferential Statistics:-

- (a) hypothesis testing.
- (b) confidence intervals.
- (c) regression analysis.

IMPORTANCE OF STATISTICS

In functions like:

- Planning
- Data collection
- Simplification of complex data
- Presentation of facts and figures
- Comparison
- Forecasting
- Controlling
- Exploring etc.

SCOPE OF STATISTICS:-

- Computer Science.
- Economics.
- Business and management.
- Biology.
- Medical Science.
- Industry.
- Research.
- Agriculture.
- Psychology and education.

LIMITATIONS OF STATISTICS

- Statistics Suits to the Study of Quantitative Data Only 8.
- Statistical Results are not Exact .
- Statistics Deals with Aggregates Only
- Statistics is Useful for Experts Only
- Statistics does not Provide Solutions to the Problems.

THANK YOU!!