

WHAT IS RESEARCH METHODOLOGY?

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Definition of Research Methodology

According to the The American Heritage® Dictionary of the English Language, methodology can be defined as,

Methodology can properly refer to the theoretical analysis of the methods appropriate to a field of study or to the body of methods and principles particular to a branch of knowledge

According to Collins English dictionary,

the system of methods and principles used in a particular discipline

Introduction to Research Methodology

A research methodology or involves specific techniques that are adopted in research process to collect, assemble and evaluate data. It defines those tools that are used to gather relevant information in a specific research study. Surveys, questionnaires and interviews are the common tools of research.

Some other concepts related to the question of "what is a research methodology?" are:

- Sample Research Methodology
- Educational Research Methodology
- Key Elements of Research Methodology
- Sample Methodology in Research Paper
- Sampling in Research Methodology
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Defining and Constructing the Essence of Research Methodology

Therefore, we can construct our **definition of research methodology** as, The organized questioning and exploration either by hypothesis formation or scientific testing of any inquisition or query by following a set of standard rules and procedures is defined as research methodology.

Types of Research Methodologies

Research methodology is applied on two important types of research process which involves basic research and applied research. Basic research includes the work or research that has not been done before. On the other hand, applied research involves the work that has already been done.

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The main purpose of applied research is only to revise the work of others.

There are three basic which are then further sub-divided:

- 1.
- 2.
- 3.

Mixed Research Methods

Why do We Use Research Methodologies?

This is a very important question as why do we adopt research methodologies?

The answer of this question is not that difficult. Theories always require to be checked for relevance. Research methodology is adopted to check a certain theory and its application along a specific set of academic standards. This is mandatory so that all research meets the field specific standards.

What is the Function of Research Methodologies?

Research methodologies perform a lot of functions. It applies to a number of jobs being done in research process.

- Research methodology identifies the research activity in a true sense.

- It further specifies and defines the actual concepts.
- It further declares what sort of methods will be required for further inquiry. Moreover, how progress can be measured.
- Research methodology offers a platform to demonstrate how we can communicate research activity in a true sense.