

Everything You Need To Know About Quantitative Research

Whether you are writing a research paper or an essay, you have to collect relevant data and do your research same as [write my essay fast](#). There are different research types and quantitative research is one of them. Unless you hire a 'do my essay' service, you must know about the types and methodologies of quantitative research to complete your work efficiently.

So, read this article to know everything about Quantitative Research.

What is Quantitative Research?

Quantitative research only deals with the collection and analysis of quantifiable information such as numerical data, measurements, and statistical data, etc. For this research, the data is usually collected through polls, close-ended surveys, and questionnaires. The results and findings are deduced with help of computational methods or by manipulation of pre-existing statistical data.



Quantitative Research Methods

Mentioned below, are some major types of quantitative research that you should know about:

1. Descriptive Method

This method provides systematic information and describes the current status of a phenomenon. This research is initially conducted without a hypothesis. The hypothesis is later built after the collection of data.

1. Comparative Method

This method is used by researchers to sought out the relationship between two variables based on statistics same as [writemyessayfast](#). It is often used to identify patterns and trends present in the data.

1. Quasi-experimental Method

It is used to identify the cause and effect relationship between two variables. The effect of an independent variable is tested on a dependent variable is examined in this method.

1. Experimental Method

This method is also known as true experimentation as researchers conduct scientific experiments in this research method. A group of variables in a study is tested to study their cause and effect relationship.

Advantages of Using Quantitative Research Methods

Quantitative research presents the findings in the form of numbers and is considered credible. These facts and figures are essential if you are writing a research paper. Even if you are getting your paper done by an **essay writer**, he will conduct quantitative research to add statistics to your essay. There are many advantages of this research and some of them are mentioned as follows.

- This research generalizes the calculated results after the experimentation is conducted for a large amount of data. It can be conducted on a broad horizon and enables research to do an in-depth analysis of the data.
- As quantitative research presents the findings in the form of numbers, it is considered accurate or closest to the accuracy. We all know that the numbers don't lie and that makes this research method the most credible.
- This research can be repeated for the same or varied data set to increase the accuracy level of the research. The findings of this data can also be replicated to do a comparison with other study cases.
- The results obtained from quantitative research are free from any biases or personal opinions. The numerical results received are almost always accurate and fair.

Limitations of Quantitative Research:

Just like the advantages, this research also has some limitations associated with it. They are as following:

- Quantitative data is efficient and considered to be more accurate, however, it lacks contextual details such as [writemyessayfast.net](#).

- The process of data collection for Quantitative research is rigid and inflexible.
- Quantitative research cannot be used to test and analyze the behavior, emotions and attitudes
- The results provided by quantitative research are limited and provide no description. Moreover, the experiments are mostly conducted in controlled environments yielding lab results instead of real-world statistics.

Hope this helps you understand Quantitative Research in detail. If after reading this you find it difficult to do the research for your paper or essay, hire the **best essay writing service** to do the job for you.