

## Does The Entire Science Enclosed by Scientific Method?

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The fundamental principles of the scientific method are essential for enhancing perspective, increasing productivity, and stimulating innovation. These principles include deductive and inductive logic, probability, parsimony, and hypothesis testing, as well as science's presuppositions, limitations, ethics and bold claims of rationality and truth. What is actually a scientific method? Exploring the Scientific Method parses classic and contemporary readings in the philosophy of science with milestones in scientific discovery to illustrate the foundational issues underlying the scientific methodology. Science really is an adventure. There are certain rules that you need to follow, but you can't predict where questions will take you. The main objective behind the paper is to identify the limits of the scientific method. Natural science is often taken to be reliable because they arise from the use of a distinctive method. Yet today, there is widespread scepticism that can validly talk scientific method in modern science? This outstanding new survey explains how this controversy has developed since the seventeenth century and explores its philosophical basis. Questions of the scientific method are discussed through key figures such as Galileo, Bacon, Newton, Bayes, Mill, Poincare, Duhem, Popper, and Carnap. In fact, this article contains stimulating discussions of attacks on the idea of the scientific method by key figures such as Kuhn, Lakatos. The purpose of this article was to apply these new methods to other fields in order to support its general applicability. The researcher has been found that the method yields the same results for modern physicists, biologists, psychologists, inventors, and composers i.e. each individual's production is constant over time, and the time-period fluctuations follow the destructive distribution. The rise of these methods and data-driven research presents new possibilities for discovery also stimulates disagreement over how science should be conducted and indeed how it should be defined. This study followed qualitative research methodology and secondary information collected from magazine, reports, books and the internet.

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