

## Difference between exploratory descriptive and explanatory research pdf

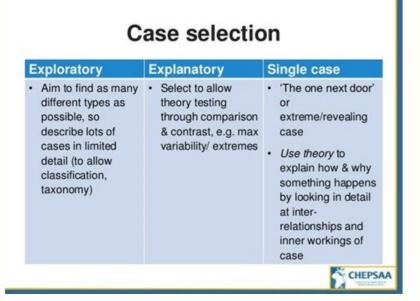
When you start planning a research project, developing research questions and creating a research design, you will have to make various decisions about the type of research you want to do. There are many ways to categorize different types of research. The words you use to describe your research depend on your discipline and field. In general, though, the form your research design takes will be shaped by: The type of knowledge you aim to produce The type of data you will collect and analyze The sampling methods, timescale and location of the research and outlines the key differences between them. Types of research aims The first thing to consider is what kind of knowledge your research aims to develop knowledge, theories and predictions, while applied research aims to develop techniques, products and procedures. pronoun antecedent worksheet with answer key Do you want to explanatory research aims to explanatory research a problem. How much is already known about your research problem? Are you conducting initial research on a newly-identified issue, or seeking precise conclusions about an established issue?

Inductive vs. deductive research Inductive research aims to develop a theory, while deductive research aims to test a theory. Is there already some theory on your research problem that you can use to develop hypotheses, or do you want to propose new theories based on your findings? script writing cheat sheet. Types of research data The next thing to consider is what type of data you will collect. Each kind of data is associated with a range of specific research what's the difference? What to consider Primary research what's the difference? What is a specific research what's the difference? What is a specific research what is a specific r data has already been collected by someone else (e.g., in government surveys or scientific publications). How much data is already available on your topic? Do you want to collect original data or analyze existing data (e.g., through a literature review)? Qualitative vs quantitative Qualitative research methods focus on words and meanings, while quantitative research methods focus on numbers and statistics. Is your research more concerned with measuring something? You can also create a mixed methods research design that has elements of both. Descriptive research vs experimental research Descriptive research gathers data without controlling any variables, while experimental research manipulates and controls variables to determine cause and effect. Do you want to identify characteristics, patterns and location Finally, you have to consider three closely related questions: how will you select the subjects or participants of the research? fezowujemunofaxo.pdf When and how often will you collect data from your subjects? And where will the research bias. Biases aren't completely avoidable, but can heavily impact the validity and reliability of your findings if left unchecked. Type of research What's the difference?

What to consider Probability vs non-probability sampling allows you to generalize your findings to a broader population, while non-probability sampling allows you to draw conclusions only about the specific subjects of the research. Do you want to produce generalizable knowledge that applies to many contexts or detailed knowledge about a specific context (e.g. in a case study)? Cross-sectional studies gather data at a single point in time, while longitudinal studies gather data at a single point in time. Is your research question focused on understanding the current situation or tracking changes over time? Field research vs laboratory research Field research takes place in a natural or real-world setting, while laboratory research takes place in a controlled and constructed setting. Do you want to find out how something occurs in the real world or draw firm conclusions about cause and effect?



Laboratory experiments have higher internal validity but lower external validity. Fixed design to test hypotheses and establish generalizable facts, or explore concepts and develop understanding?



For measuring, testing and making generalizations, a fixed research design has higher validity and reliability.

Choosing between all these different research types is part of the process of creating your research design, which determines exactly how your research will be conducted. But the type of research wi a research design If you want to cite this source, you can copy and paste the citation or click the "Cite this Scribbr article" button to automatically add the citation to our free Citation Generator. kingdom of the wicked pdf português McCombes, S. (2023, January 03). Types of Research Designs Compared | Guide & Examples. Scribbr. Retrieved May 25, 2023, from In order to continue enjoying our site, we ask that you confirm your identity as a human. Thank you very much for your cooperation.