Simulation exercise

Simulation Exercise Title:

Comparing Pilot Testing and Pre-Testing

Objectives

● To compare the pilot test and pre-test in research in order to identify similarities and differences.

Background

This exercise aims to enhance your understanding of pilot testing and pre-testing in research methodology. Pilot testing and pre-testing are essential components of research design that help in refining the study process and instruments before the full-scale implementation. Understanding the nuances of these methods will enable you to choose the appropriate strategy for your research studies.

Data Provided

Additional literature to use while exercise implementation

Pilot Testing:
https://dovetail.com/research/pilot-testing/#:~:text=A%20pilot%20test%20is%20an,a%20%20product%20or%20software%20release.

Pre-Test: https://www.oag-bvg.gc.ca/internet/English/meth_gde_e_19734.html#

Task

1. Watch the provided information discussing pilot study and pre-testing.
2. Create a comparison chart outlining the key similarities and differences between pilot testing and pre-testing
3. Discuss the advantages and disadvantages of each method.
4. Analyse what methods would you personally like to use in your research, answering the guiding questions.

Similarities and differences chart template:

Criteria	Pilot Testing	Pre-Testing	Similarities	Differences
Definition				
Purpose				
Participants				

Outcomes				
Advantages				
Disadvantages				

Guiding Questions:

1. What method fits the best to your research topic and why?
2. What are the potential benefits of using pilot test/ pre test in your research study?

Guidelines

Instruction to use template:

1. Criteria: Define the criteria you will use to compare the two concepts.
2. Pilot Testing: Describe aspects related to pilot testing under each criterion.
3. Pre-Testing: Describe aspects related to pre-testing under each criterion.
4. Similarities: Identify aspects that are common to both pilot testing and pre-testing under each criterion.
5. Differences: Highlight the key differences between pilot testing and pre-testing under each criterion.

Deliverables

- Completed similarities and differences chart.
- A written discussion of the advantages and disadvantages of each method.
- Analysis of methods in accordance with personal research study.