

Simulation exercise

Simulation Exercise Title:

Identifying Advantages and Disadvantages of Data Collection Tools

Objectives:

- To be able to analyse the application of different Data Collection Tools and their advantages and disadvantages based on the research topic and objectives.

Background

An inventive strategy to improve learning, accelerate skill development, and boost student engagement is the use of Virtual Reality (VR) technology into Vocational Education and Training (VET) programs. By offering immersive and interactive teaching settings that may be more successful than conventional techniques, the proposed research investigates how VR may change VET.

Data Provided

Research Topic: "Integration of Virtual Reality (VR) Technology in Vocational Education and Training (VET) Programs for Enhanced Skill Acquisition"

Overview:

This research will explore the impact of integrating Virtual Reality (VR) technology into vocational education and training programs. The study aims to investigate how VR can enhance the learning experience, improve skill acquisition, and increase engagement among VET students.

Research Objectives:

- Compare the learning outcomes of students using VR technology with those using traditional training methods.
- Analyse the motivational impact of VR technology on students' willingness to participate and learn.
- Collect feedback from both instructors and students on the usability and effectiveness of VR tools

Task

- Carefully study the applied research topic and objectives
- Based on the proposed topic and expected objectives, consider the advantages and disadvantages of using the proposed methods of data collection.
- Fill in the template below:

	Interviews	Focus Groups	Survey	Observation
Advantages				
Disadvantages				

Guidelines

- Ensure you comprehend the aim of the research and the specific goals related to the use of VR in VET programs.
- For a better understanding of the objectives and application of each of the information gathering methods, please review the materials of session 2 again.

Deliverables

- A list of advantages and disadvantages for each of the data collection tools: interviews, focus groups, observation and survey.