

GENESIS Level 2 Assignment: The due date for this assignment is Friday, September 18. If you have any questions or in need of clarification for any aspect of this assignment, please send an email to maherd@sjbdhs.org.

OBJECTIVE: One of the goals of the GENESIS Research Program for the 2026-27 school year is for more variety in the research methods used by the students when conducting their studies, as there is an overreliance on surveys as a means of collecting data. This assignment is purposefully designed to expose you to alternative methods that can be used for your research.

PROCESS: Choose one method from column A (focuses primarily on analyzing descriptive data) **AND** one method from column B (focuses primarily on analyzing measurable data) to investigate. Find and read a reference article (use scholarly sites such as *Sage Journals*, *Researchgate*, *Science Direct*) that provides an overview of the method to familiarize yourself with its design. Then, click on the hyperlink and review the two scholarly sources for a practical application of the method.

COLUMN A	COLUMN B
Content Analysis	Factor Analysis
Grounded Theory	Predictive Analysis
Phenomenology	Trend Analysis

PRODUCT: Analyze **both** methods in a **separate essay for each** using the following format:

Paragraph 1: Summarize the method in a general sense (meaning not its use in a specific study). Focus on aspects such as its approach to a research question (explore/explain/ create), type of data it collects (quantitative/qualitative/mixed), analysis of data (statistical/coding/visualization tables), disciplines in which it is most often used (natural sciences/applied sciences/social sciences/humanities).

GUIDING QUESTION: What is known about the method?

Paragraph 2: Analyze the use of the method from **one** of the provided studies. Explain the specific use of the method as a means to respond to the research question. Include details about the reason the method was chosen and the specific steps taken by the researcher.

GUIDING QUESTIONS: How was the method used in the study? Why is it appropriate for the goals of the study?

Paragraph 3: Synthesize this method by applying it to the topic from your Level 1 Annotated Bibliography. Provide a hypothetical use of the method to address a problem or lack of knowledge for that topic.

GUIDING QUESTIONS: How can the method be used in a novel way?

In addition to the written task, gauge your personal comprehension of the methods. Reflect on the aspects of each method that you feel you understand as well as the aspects of each that are in need of clarification. Be prepared to discuss this with your faculty advisor during your initial meeting in September.