

# Conceptual Framework in Quantitative Research

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## Title

The Impact of Study Habits on Student Academic Performance

## Abstract

This study examines how different study habits influence student academic performance. Data was collected from 300 high school students through surveys and test scores. A conceptual framework was developed to analyze the relationship between study habits and academic success.

## Conceptual Framework

This research is based on the Input-Process-Output (IPO) model:

### 1. Input

- Study habits (study time, note-taking, review techniques, use of study aids)
- Student background (age, gender, academic level)

### 2. Process

- Data collection through surveys and academic records
- Statistical analysis to determine correlations between study habits and performance

### 3. Output

- Measured academic performance (GPA, test scores)
- Identification of effective study habits

- Recommendations for students to improve learning strategies

A **theoretical foundation** for this framework is based on cognitive learning theories, which suggest that structured and consistent study habits improve memory retention and problem-solving skills.

## **Conclusion**

This framework provides a structured way to analyze the effect of study habits on academic performance. The findings can help students and educators develop strategies for better learning outcomes.

## **References**

All sources used in the research, formatted according to academic citation standards.