

# Week 3 Literature Review Methodology

## 1. Lecture Objectives

1) By the end of this lecture, students will be able to:

- (1) Understand the meaning and purpose of a literature review
  - (2) Recognize the importance of literature review in academic research
  - (3) Learn strategies for searching academic sources
  - (4) Analyze and organize previous studies
  - (5) Write a structured literature review for a research paper
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## 2. Definition of Literature Review

1) A literature review is the systematic examination and analysis of existing research related to a particular topic.

2) It includes sources such as:

- (1) academic journal articles
- (2) books
- (3) research reports
- (4) theses and dissertations

3) The purpose of a literature review is to:

- (1) understand previous research
  - (2) identify research gaps
  - (3) justify the need for a new study
  - (4) establish the theoretical framework of the research
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## 3. Importance of Literature Review

1) A literature review plays a crucial role in academic research.

2) Key functions include:

- (1) Providing academic background
  - (2) Justifying the research problem
  - (3) Demonstrating the originality of the study
  - (4) Guiding the research direction
  - (5) A strong literature review places the study within the ongoing scholarly conversation.
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## 4. Strategies for Literature Search

1) Effective literature review requires systematic source searching.

## 2) Major Sources

- (1) Academic databases (Google Scholar, JSTOR, Scopus)
- (2) Scholarly journals
- (3) Theses and dissertations
- (4) Academic books
- (5) Conference papers

## 3) Search Strategies

- (1) Identify key terms
  - (2) Use combinations of keywords
  - (3) Prioritize recent studies
  - (4) Use citation tracking
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## 5. Methods of Literature Analysis

- 1) Literature should be critically analyzed, not merely summarized.
  - 2) Key analytical questions:
    - (1) What is the purpose of the study?
    - (2) What research method was used?
    - (3) What are the main findings?
    - (4) What are the limitations?
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## 6. Organizing the Literature

- 1) There are several effective ways to organize literature.
    - (1) Thematic organization
    - (2) Group studies by topic.
    - (3) Chronological organization
    - (4) Show the historical development of research.
  
  - 2) Theoretical organization  
Compare different theoretical perspectives.
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## 7. Structure of a Literature Review

- 1) A typical literature review includes:
  - (1) Introduction to the research topic
  - (2) Overview of major studies
  - (3) Comparative analysis of research
  - (4) Identification of limitations
  - (5) Identification of research gaps

(6) Justification of the present study

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### 8. Characteristics of a Good Literature Review

- 1) A strong literature review:
    - (1) goes beyond simple summary
    - (2) includes critical analysis
    - (3) explains relationships between studies
    - (4) follows a logical structure
    - (5) connects directly to the research problem
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### 9. Discussion Questions

- 1) Why is literature review important in research?
  - 2) What is the difference between summary and critical review?
  - 3) How can researchers identify research gaps?
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### 10. Assignment

- 1) Before next week:
  - (1) Find five academic articles related to your research topic.
  - (2) Write a brief summary of each article.
  - (3) Compare similarities and differences among the studies.