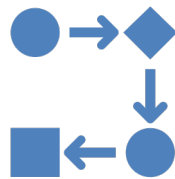# Fast-tracking Literature Review and Data Collection through AI-Powered Tools

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AI in Literature Review: Overcoming Challenges

- Traditional methods are time-consuming and often inefficient.

- AI tools streamline the search and screening process.

- More time for critical analysis, less time on tedious tasks.

Challenges in Traditional Literature Reviews

1. Struggling to Name the Unknown: Searching without precise keywords is like navigating without a map.

2. Overwhelmed by Synonyms: Synonyms and varied terminologies result in incomplete or fragmented results.

How AI Tools Improve Literature Reviews

- AI-driven search engines like Consensus and Elicit offer unparalleled precision.

- Go beyond keywords: Contextual search via vector analysis.

- Identify relevant studies quickly, filter by study design, demographics, and more.

Consensus vs. Elicit: Choosing the Right Tool

Feature	Consensus	Elicit
Search Type	Keyword + Vector Search	Semantic Search & Systematic Review
Best For	General Literature Reviews	Evidence Synthesis
Special Features	Quick concept highlights	Extract data from PDFs, summarize papers

Using Consensus for Literature Reviews

1. Understanding Your Topic:

- Identify key concepts and references.

- Example: "What are the causes of childhood obesity?"

2. Saving References and Searches:

- Organize and save results for easy retrieval and export.