



# AI Tools Transforming Research

## Mission

Christ University is a nurturing ground for an individual's holistic development to make effective contribution to the society in a dynamic environment

## Vision

Excellence and Service

## Core Values

Faith in God | Moral Uprightness  
Love of Fellow Beings | Social Responsibility  
Pursuit of Excellence

# Introduction & Ideation Tools



**Junia AI**

<https://www.junia.ai/>



**Grammarly**

<https://www.grammerly.com/>



**ChatGPT**

<https://chatgpt.com/>



**Jasper AI**

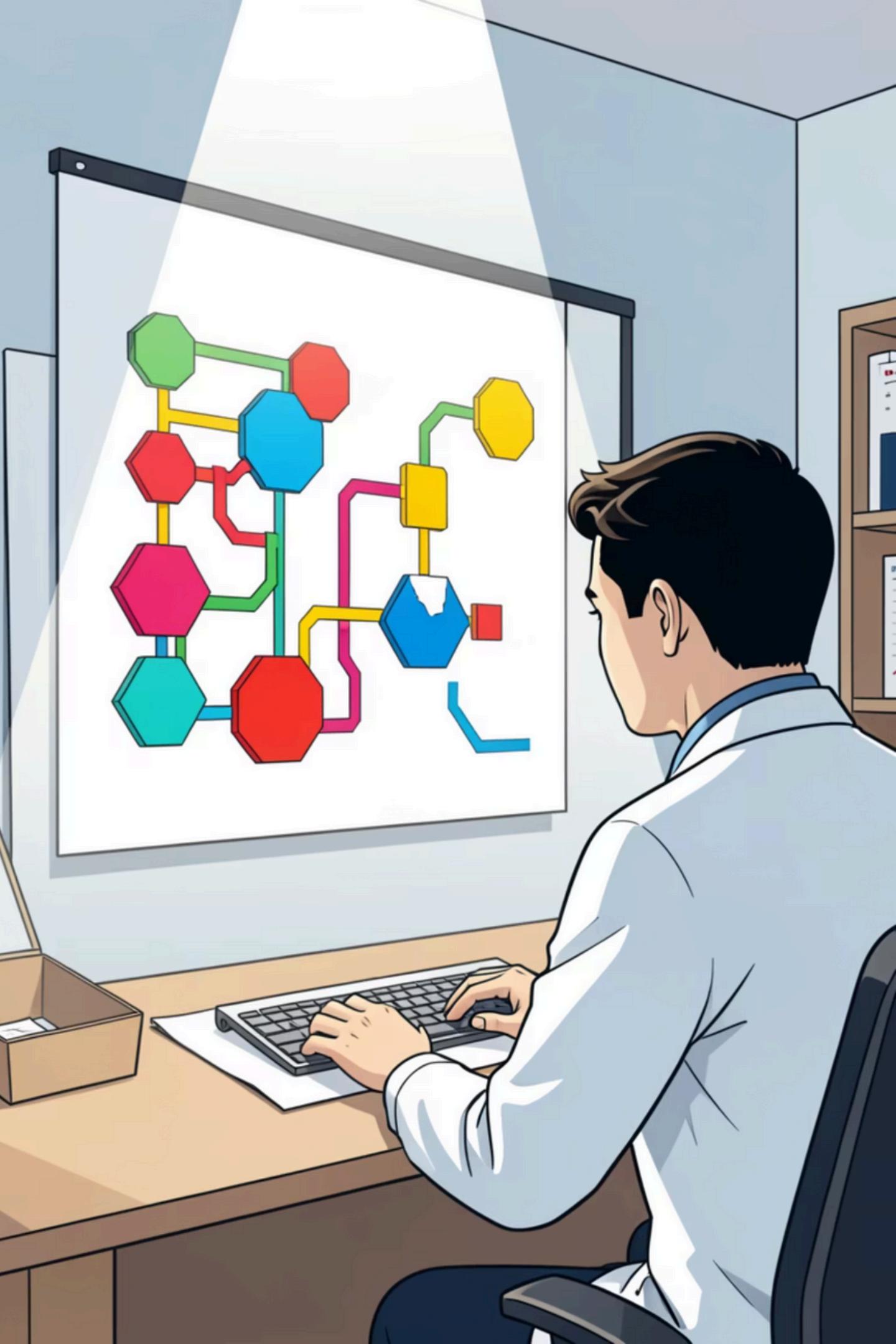
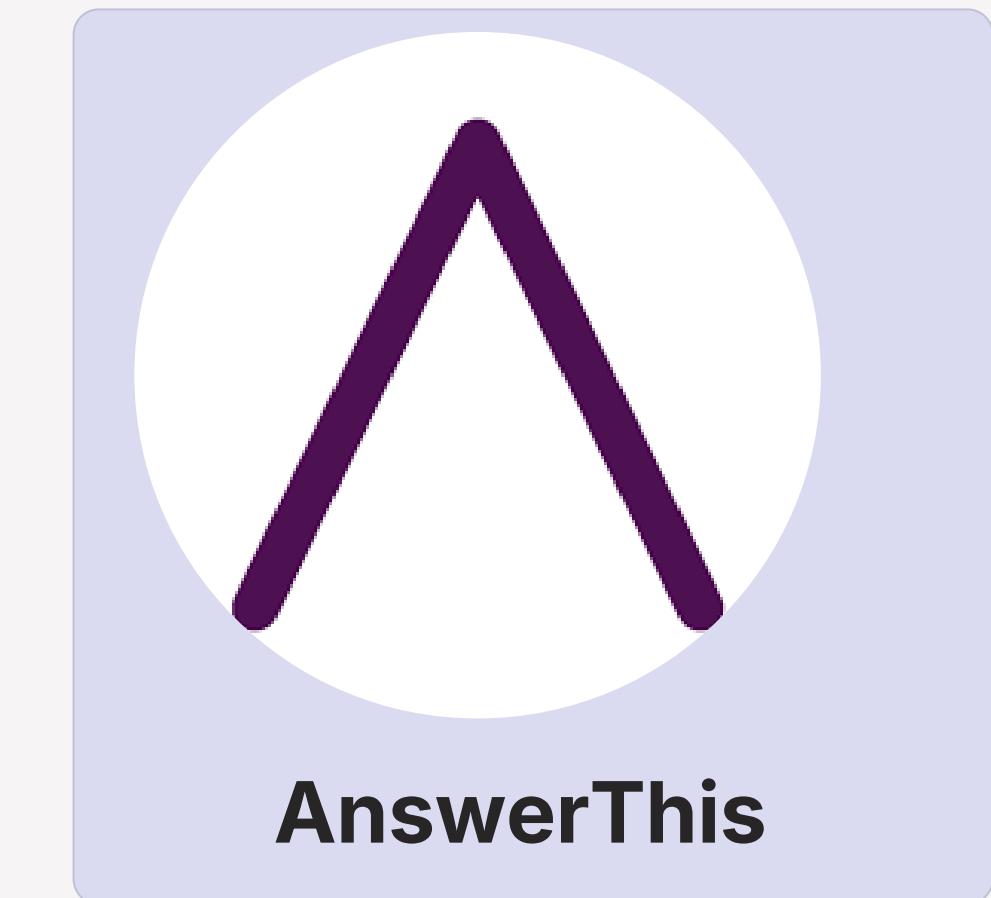
<https://www.jasper.ai/>

# Identifying Research Gaps

## Why Research Gaps Matter

Identifying research gaps is crucial for establishing the significance and originality of your work. It demonstrates your understanding of the field and justifies your research questions.

## AI-Powered Solution



# Literature Review & Citation Management

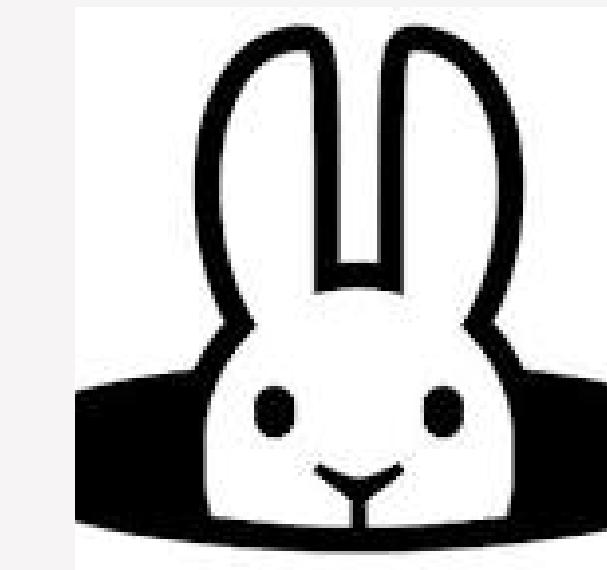
Comprehensive AI tools to discover, analyze, and organize academic literature efficiently while maintaining rigorous citation standards.



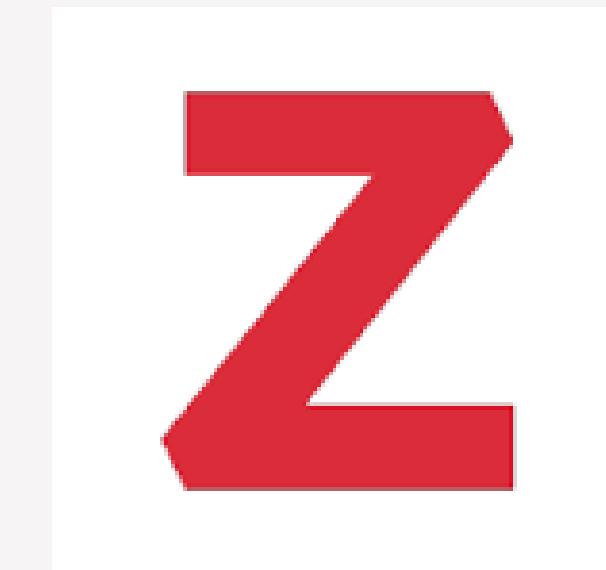
Consensus AI



Thesis AI



Research Rabbit



Zotero

# ARTIFICIAL INTELLIGENCE IN RESEARCH METHODOLOGY

FIRST EDITION



## Methodology & Content Creation

1

### Jasper AI

Free-forever plan available for generating methodology sections and research frameworks



2

### Musely

Content creation platform for structuring and organizing methodological approaches



3

### Napkin AI

Visual communication tool for explaining complex methodologies through generated images





# Visual Content & Data Representation

## Transform Data into Insights

These tools help create publication-ready graphics, charts, and presentation materials.

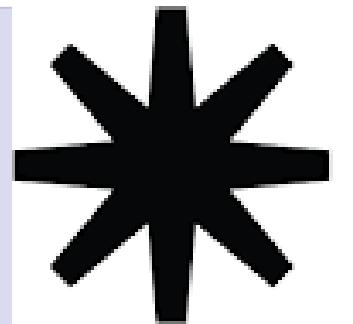
### Napkin AI

Generates contextual images and diagrams from text descriptions



### Flourish

Creates interactive graphs, charts, and data visualizations for research



# Presentations & Data Management



## Slidesgo

Professional presentation templates with AI-powered customization for academic conferences and defenses



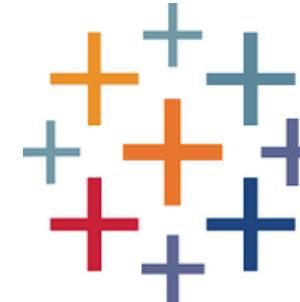
## Howso

Data synthesis platform for organizing and preparing research datasets



## TinyPPT

Rapid PowerPoint generation tool that creates presentation structures from research outlines



## Tableau

Industry-leading data visualization and business intelligence platform for complex datasets



## AI Doc Maker

Generates preliminary data tables and Excel-compatible documents for research analysis

# Survey & Questionnaire Tools



**SurveyMonkey®**

## SurveyMonkey

Comprehensive survey platform with AI-powered question suggestions and response analysis capabilities

- Advanced skip logic
- Real-time analytics
- Multi-language support



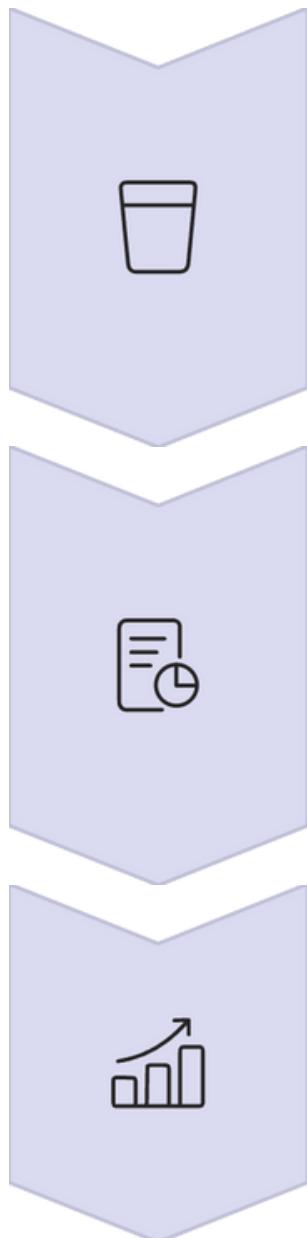
**Typeform**

## Typeform

Engaging, conversational survey tool with beautiful design and intelligent form flows

- Interactive interfaces
- High completion rates
- Integration options

# Analysis, Limitations & Conclusions



## Limitations Analysis

**SciSpace** helps identify methodological constraints

**Jasper AI** articulates limitations clearly

**Vision** provides comprehensive scope analysis

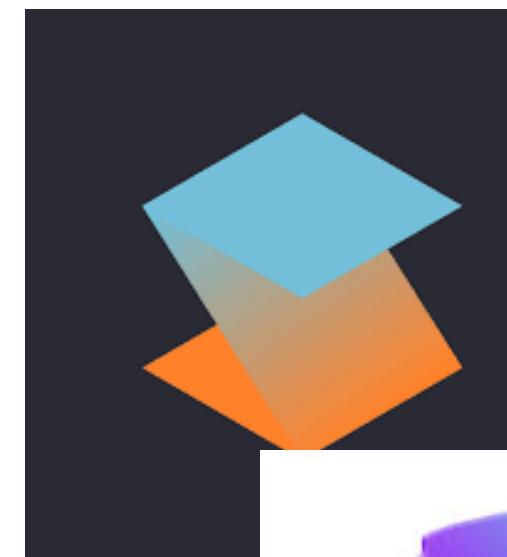
## Conclusion Writing

**Summarizer** distills key findings

**Single Grain** crafts compelling conclusion sections that tie research together

## Data Analysis

**Julius** performs advanced statistical analysis and interpretation of research data with AI-powered insights





# Educational Support & Content Verification

01

## Document Analysis

**ChatPDF** - Extract insights and answer questions from academic PDFs for educational purposes and literature comprehension

02

## AI Detection

**ZeroGPT & GPTZero** - Verify content originality and detect AI-generated text to ensure academic integrity and authenticity

- Ethical Reminder:** Always use AI tools as assistants, not replacements. Maintain academic integrity, cite AI assistance when required, and ensure all work reflects genuine understanding and original thought.

# Your Research Paper..

1. **Abstract** - ChatGPT, Grammarly, Jasper

2. **Keywords** - ChatGPT, Grammarly

3. **Introduction** - Junia, Grammarly, ChatGPT, Jasper

4. **Literature Review** - Consensus AI, Thesis AI, Research Rabbit, Zotero

5. **Data and Methodology** - Jasper, AI Free Forever, Musely, Napkin, SurveyMonkey, Typeform, AI



Doc Maker, Howso, Tableau

6. **Results and Discussion** - Julius, Flourish, Tableau, Napkin

7. **Conclusion** - Summarizer, Single Grain

8. **Limitations** - SciSpace, Jasper, Vision

9. **References** - Zotero, Research Rabbit, ChatPDF

10. **Additional / Supporting Tools** - Napkin (Image Generation), Flourish (Graph Generation), SlideGG, TinyPPT, ChatPDF (Educational Purposes), ZeroGPT, GPTZero

# Thank You!

