

Responsible Use of AI in Academic Research

Approved Research Brief - Educational Source Material

Topic

Responsible Use of AI in Academic Research

Core Idea

AI can support researchers with tasks such as brainstorming, organizing information, summarizing material, improving clarity, exploring research questions, and analyzing data. However, AI output should be treated as assistance rather than automatically accepted as verified academic evidence.

Key Points

- AI tools can help researchers explore and organize ideas more efficiently.
- Researchers should verify factual claims, quotations, references, and citations before using them.
- AI-generated references should never be assumed to be accurate without checking the original source.
- Researchers should read important original papers rather than relying only on AI summaries.
- Sensitive or confidential research data should not be uploaded to AI tools without checking the platform's privacy and data policies.
- AI can help improve writing clarity and structure, but researchers remain responsible for the final academic content.
- Universities, journals, and research institutions may have different rules about acceptable AI use.
- Researchers should disclose AI assistance when required by their institution, journal, or publisher.
- AI should support human judgment, not replace critical thinking or research methodology.

Practical Workflow

1	Define the research task clearly.
2	Give the AI tool relevant context.
3	Request a structured output.
4	Verify important claims using reliable sources.
5	Review citations and references manually.
6	Edit the final work using human academic judgment.

Main Message: Use AI as a research assistant, not as an unquestioned authority.

Important Limitation

Policies and acceptable-use rules vary between universities, journals, publishers, and AI platforms. Users should check the current rules that apply to their own work.

Content Boundary

Do not add statistics, studies, quotations, or specific institutional policies unless they are separately verified.

This brief is designed as general educational source material that can be reused for articles, social posts, carousels, videos, and other academic communication formats.