

AI Resources

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Terminology

- [Artificial Intelligence: Key terms and definitions](#)
List of 13 key AI terms to know, curated by Caltech.
- [AI terms + education: A glossary of what you need to know](#)
An incomplete list of terms related to AI used for research and writing.
- [50 AI terms every beginner should know](#)
A comprehensive glossary of 50 terms for AI and machine learning beginners.
- [AIPRM's Ultimate Generative AI Glossary](#)
From students to professionals, this resource is designed to empower every reader with a solid and clear understanding of the critical concepts that drive generative AI.

Prompting

- [Learn Prompting Guide](#)
A comprehensive (and free) guide on tailored to non-technical readers, who may not have even heard of AI, making it the perfect starting point if you are new to Generative AI and Prompt Engineering.
- Examples of Prompts:
 - [Copilot Lab](#)

Ethical Considerations and Uses of Generative Artificial Intelligence

- [Artificial Intelligence \(AI\) and ethics: Overview](#)
Description of the main ethical concerns when developing and using AI.
- [AI and ethics: Sixteen challenges and opportunities](#)
A list of 16 potential hazards to consider for ethical and socially responsible use of AI.
- [Artificial Intelligence: Examples of ethical dilemmas](#)
Concrete examples of ethical and legal issues encountered when using AI.
- [3 steps for AI ethics](#)
SAS's steps for addressing ethical concerns when working with AI to ensure responsible use.
- [Analysis: How we think about copyright and AI art](#)
Legal analysis of potential applications of copyright law to the use of AI art, addressing concerns of human artists.
- [UNESCO's Ethics of Artificial Intelligence](#)

Core principles and values for human-centered use of AI.

- **Beta principles for the ethical use of AI and data enhanced technologies in Ontario**
Six principles for the ethical use of AI in Ontario's government processes, programs and services.
- **Principles of Artificial Intelligence Ethics for the Intelligence Community**
Principles used by the American Intelligence Community in their work with AI.
- **The Responsible AI Manifesto for Marketing and Business**
Principles for the ethical use of AI to increase efficiency and performance in marketing and business.

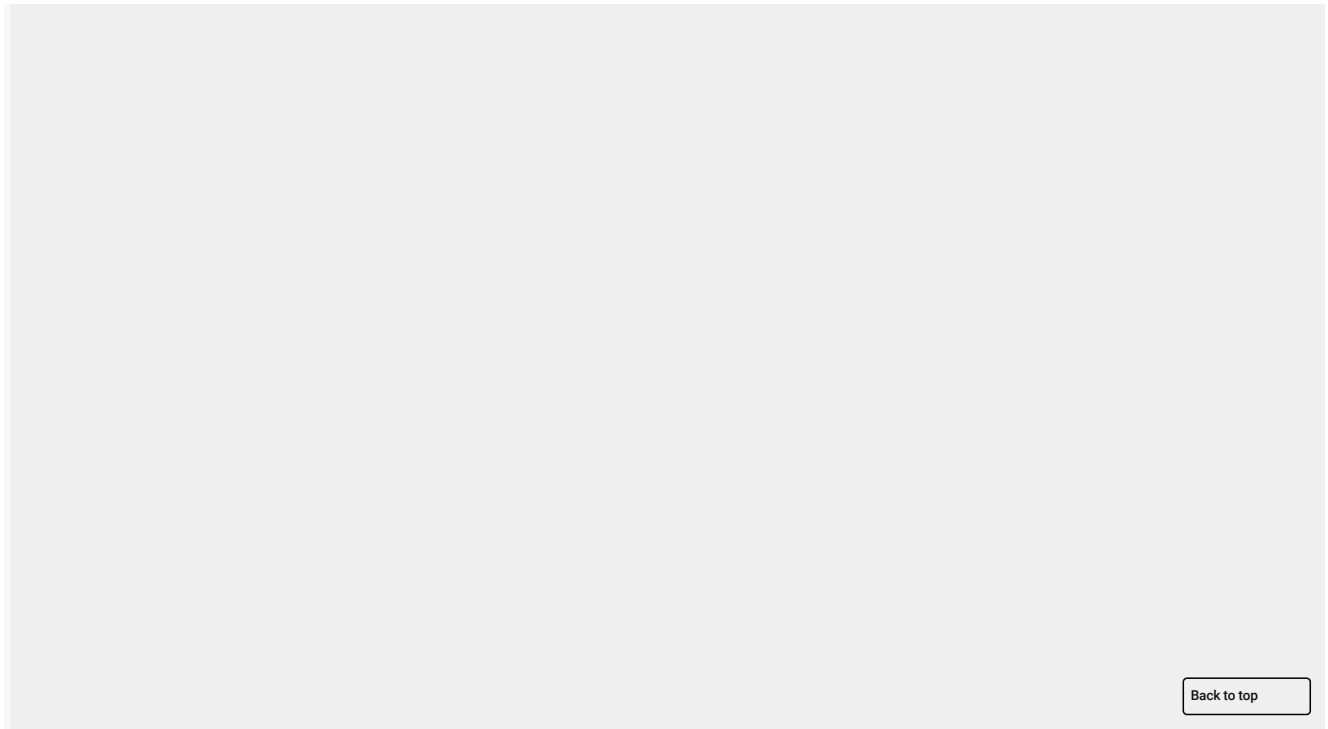
Editorial and Research Considerations for Generative Artificial Intelligence

- **Why qualitative researchers should embrace AI, but cautiously**
A review article describing a recommended approach to qualitative coding with AI.
- **Using AI Tools in Your Research**
A guide to the academically acceptable use of AI tools in research.
- **Unlocking the potential of AI in research**
Examples of appropriate use of AI in research and its limitations.
- **Artificial Intelligence (AI): Generative AI in your research**
A guide to the academically responsible use of AI tools in graduate research.
- **Guidance on the appropriate use of Generative Artificial Intelligence in graduate theses**
Frequently asked questions about the appropriate and acceptable use of AI tools in graduate research.
- **Exploring the use of AI in the research process**
A report of the uses of AI in research and interview responses from researchers regarding its role.

Adapted from "Generative Artificial Intelligence: Using Generative AI Tools" by UC San Diego: <https://ucsd.libguides.com/AI/tools>

Adapted from "ChatGPT and Generative Artificial Intelligence (AI): Generative AI Resource List" by the University of Waterloo Library: https://subjectguides.uwaterloo.ca/chatgpt_generative_ai/resources

If you have any questions or concerns, please do not hesitate to reach out to us at teaching@senecapolytechnic.ca



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