

Guide to using Generative AI research

Categories	DO	References
Plan to leverage AI	Define your goals. Understand the capabilities and limitations of AI.	USC Ethical Considerations (2024.03.) acs (2023.02.)
	Set clear guidelines.	Institute of Chartered Accountants in England and Wales (2024.05.)
Start leveraging AI	Start with a small project . Ensure data quality.	Institute of Chartered Accountants in England and Wales (2024.05.)
Leverage AI and evaluate results	Write a detailed prompt.	Institute of Chartered Accountants in England and Wales (2024.05.)
	Critically evaluate AI-generated content. Be aware of hallucinations and stay informed.	USC Ethical Considerations (2024.03.) Government of the United Kingdom (2024.01.) University of Oxford (2024.)
	Beware of AI errors. Don't assume that the AI's answer is correct.	University of Oxford (2024.) USC Ethical Considerations (2024.03.)
	Continually evaluate your results. Include human oversight.	Institute of Chartered Accountants in England and Wales (2024.05.)
	Beware of fake data.	Nature: AI-generated Images and Videos in Research (2024)
	Don't replace critical thinking with AI.	University of Oxford (2024.), ACS (2023.02.)
Utilize AI-generated images	Detect suspicious images. Don't rely on AI for detection. Maintain research integrity. Support immediate corrections.	Nature: How Journals are Fighting Against Questionable Images (2024.02.)
	Save time on research with AI imagery. Use AI tools to improve image quality.	Nature: AI-generated Images and Videos in Research (2024.03.)
Copyright permissions & usage documentation	Get copyright permission. Document your use of AI. Cite the source.	USC Ethical Considerations (2024.03.) Government of the United Kingdom (2024.01.) University of Oxford (2024.) acs (2023.02.) Nature: Why Nature Will Not Allow AI in Images (2024.06.)