



GENERATIVE AI CONTRIBUTION ROLES

GenAI Usage Taxonomy is a 13-role taxonomy describing how Generative Artificial Intelligence (GenAI) contributed to the production and publication of research articles.

Contribution	Description
Drafting content	AI can help you write different sections of your paper, such as introductions, literature reviews, or methodology descriptions
Generate images	AI can help you generate images for your paper
Text Translation	AI can help you in translating your work or reaching a broader audience
Generate literature review	AI can help you drafting a literature review section starting from a set of relevant papers
Paraphrase and reword	AI can help you express ideas in different ways, ensuring clarity and conciseness
Improve writing style	AI can offer suggestions for sentence structure, word choice, and overall flow
Abstract drafting	AI can draft a concise abstract that captures the gist of your research
Grammar and spelling check	AI can catch errors that you might have missed
Plagiarism detection	AI can help you identify potential plagiarism issues in your own writing
Citation management	AI can help format citations and references according to specific styles (e.g., APA, MLA, Chicago, Vancouver)
Formatting assistance	AI can ensure your paper adheres to specific formatting guidelines required by journals or institutions
Peer review simulation	AI can simulate peer review by providing feedback on the strengths and weaknesses of your paper
Content enhancement	AI can suggest additional content or research that could strengthen your arguments

* GenAI Usage Taxonomy by CEUR-WS Policy on AI-Assisting Tools
(<https://ceur-ws.org/GenAI/Taxonomy.html>).