

APPLYING CRITICAL THINKING TO AI-GENERATED RESULTS

10 STRATEGIES ANYONE CAN USE

AI is a fallible collaborator. It can reproduce biases and flatter its user. When reviewing AI-generated results, you should cross-verify all claims using trusted sources, check for AI hallucinations or biases, and evaluate the logic, context, and tone of the output. You should never accept AI-generated results at face value.

- 1 Independently Verify Facts:** Never trust AI statistics or data without cross-checking them against research journals, reputable databases, or recognized domain authorities.
- 2 Confirm All Citations:** If AI cites sources, independently track them down and verify the context. Disregard any claims that rely upon broken or fabricated links.
- 3 Box-Out Bias:** AI models can reflect the narrow viewpoints or stereotypes present in their training data. Review the content to ensure it includes diverse perspectives and omits exclusionary language.
- 4 Gut-Check the Logic:** Analyze whether AI's argument flows logically. Watch out for generalizations built on limited evidence or faulty leaps in reasoning.
- 5 Replace Overemotional Language:** Flag content that relies on loaded, dramatic, or inflammatory words designed to provoke emotion rather than delivering objective information.
- 6 Compare and Contrast:** Don't settle for the first response that AI produces. Generate multiple variations or compare AI's synthesis of a concept with the source text to spot missing nuance.
- 7 Cross-Reference AI Tools:** Input the same prompt into multiple AI platforms and compare their outputs.
- 8 Refine the Prompt:** If an AI-generated response seems off, analyze the prompt you gave. Vague or leading questions result in vague outputs. Refine your prompt until AI produces more specific or objective results.
- 9 Challenge Assumptions:** Use AI to generate opposing viewpoints or to challenge your own conclusions. This helps you recognize your blind spots and test the strength of your ideas.
- 10 Document and Annotate:** Keep notes on exactly how and when you used AI in your workflow. Acknowledge AI's contribution so you can remain in the driver's seat of the final product.