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# [Perspective] AI Is All About Typing the Right Phrase

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## Abstract

This post explores the role of AI in creativity and problem-solving, while emphasizing the importance of maintaining a balance between human and artificial intelligence. The author cautions against relying too heavily on AI, which can lead to a loss of human creativity and originality. To strike a balance, AI can be used as a tool to enhance our creativity while ensuring that our unique ideas and perspectives are not lost in the process.

AI can also assist us in problem-solving, but we must remain mindful of its role and not rely on it entirely. We should evaluate the solutions it provides and maintain control over our work. Ethical principles and human rights must be respected, including transparency, accountability, fairness, and privacy. AI systems must be explainable and address data biases, security, and privacy. A legal framework for the development and use of AI is crucial for protecting judicial rights.

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## Introduction

What happens if you type 80's computer with pastel hues into Dall-e, an AI-image-generator available on Microsoft's [Bing](https://bing.com) (<https://bing.com>)?



The resulting image may include details such as a bulky CRT monitor, chunky keyboard keys, and boxy plastic casing. The color palette may also reflect the muted tones and pastel hues that were popular in the 80s and 90s. Additionally, the image may feature floppy disks or cassette tapes, which were common storage methods during that time. The desktop background may be a simple pattern or pixelated image, and icons on the screen may be blocky and pixelated as well. The image may also include physical objects such as a stack of papers or a [Rolodex](https://en.wikipedia.org/wiki/Rolodex) (<https://en.wikipedia.org/wiki/Rolodex>) on the desk, reflecting the prevalence of physical documents and organizational systems before the digital age. But of course you may get different result when you type the same phrase the second time.

Overall, an image of a retro computer setup from the 80s or 90s could evoke nostalgia for those who experienced that era of technology, and provide an interesting contrast to today's sleek and minimalist designs.

That's the world we live in now.

## Creativity redefined

Creativity no longer lies solely in physically drawing a retro computer. Instead, creativity means coming up with a command phrase to ask AI to create something for you.

Creativity has been redefined in the age of artificial intelligence (Wingstrom et al., 2022). It is no longer limited to physically drawing a retro computer or designing a new product from scratch. Instead, creativity has taken on a new form where it means coming up with a command phrase to ask AI to create something for you. This new form of creativity requires a different set of skills such as machine learning, data analysis, and programming. In fact, creativity and technology have merged in a way that was once unimaginable. One can now create something that has never existed before at the click of a button, thanks to the power of AI.

However, this new form of creativity has its own set of challenges that must be addressed. For instance, there is a

concern that relying too heavily on AI can lead to a loss of human creativity and originality(Leos, 2022). Therefore, it is important to strike a balance between using AI as a tool to enhance our creativity and ensuring that our own unique ideas and perspectives are not lost in the process.

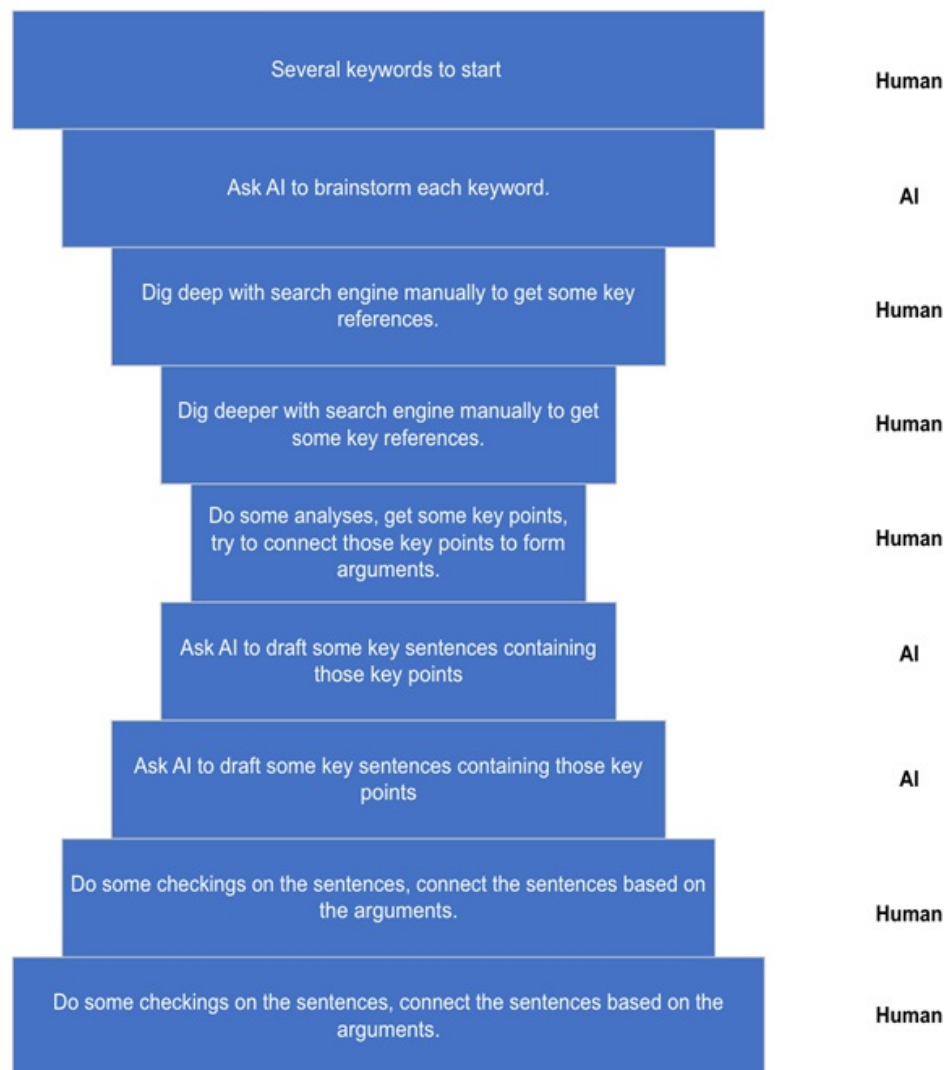
## What should we do?

As we continue to witness the ever-increasing capabilities of artificial intelligence it is becoming more and more apparent that we need to take advantage of its potential to assist us in problem-solving (Atske, 2022). AI can provide us with unique insights and solutions that may have been difficult to come up with otherwise. By utilizing AI in this way, we can work more efficiently and effectively, freeing up our time and resources to focus on other important tasks (Gardner, 2021).

However, it is essential that we remain mindful of the role that AI plays in our work. While it can be a valuable tool, it should not replace our own creativity and decision-making abilities(Leos, 2022). We should not rely on AI to do all of the work for us and should take the time to understand and evaluate the solutions that it provides.

Ultimately, we are the ones who understand our own needs and limitations. By recognizing what we are and are not capable of, we can work alongside AI to achieve the best possible outcomes. This balance between human and artificial intelligence is crucial in ensuring that we remain in control of our work and can continue to innovate and create in new and exciting ways.

Thus, seeing the potential of AI, we should immediately start incorporating its capabilities to help us solve problems (Rosen, 2023). With a clear understanding of our own needs and limitations, we can work alongside AI to achieve the best possible outcomes while ensuring that our own unique ideas and perspectives are not lost in the process. Based on those position, we propose the following interactions between human and AI (Figure 1).



**Figure 1.** The proposed human and AI interaction in doing research or drafting an article

## Always scrutinize

To scrutinize how AI works, one must consider ethical/moral, legal, and technical opportunities and challenges (Cath, 2018; European Parliamentary Research Service, 2020). Responsible AI is concerned with the design, implementation, and use of ethical (ethical dilemma), transparent, and accountable AI technology to reduce biases, promote fairness, equality, and facilitate interpretability and explainability of outcomes (Brand, 2022; UNESCO, 2020).

To ensure that AI is used with due respect to ethical principles and human rights, key principles such as transparency, accountability, fairness, and privacy must be followed (Brand, 2022; UNESCO, 2023). Additionally, AI systems must be explainable, and data biases, data security, and data privacy must be addressed (Siau and Wang, 2020). It is also important to note that the use of AI without sufficient transparency and possibility for human scrutiny could threaten judicial rights (Risse, 2019). Therefore, it is crucial to have a legal framework for the development and use of AI in society (Brand, 2022).

In summary, scrutinizing AI requires considering ethical, legal, and technical aspects, ensuring responsible AI, and following key principles such as transparency, accountability, fairness, and privacy. And one thing to remember that a good AI starts with typing the right phrase or command, and that can only be done by human.

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