

Review of: "[Perspective] AI Is All About Typing the Right Phrase"

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This perspective article attempted to “explore the role of AI in creativity and problem-solving”. However the article lacks focus. For example, in the 2nd section, the claim is made that the paper will provide “a comprehensive overview of the current state of artificial intelligence (AI) in Earth sciences, examining its current status, use cases, challenges, and opportunities”. This is the sort of research output suited to a systematic literature review as opposed to a perspective article. The author subsequently proceeds to proffer a paragraph on how AI is used in the earth sciences – hardly a “comprehensive overview”. This section appears out of place in the article. I would recommend removing it and developing into a systematic literature review

The other main flaw in the paper is what appears to be the author’s over-simplification of AI as evidenced by the concluding sentence: “one thing to remember that a good AI starts with typing the right phrase or command, and that can only be done by human”. Is the author referring to the “end use” as opposed to the “development” of AI? If the latter, even that does not start with “typing the right phrase” just as successfully driving a car does not start with turning the keys.

What is a “good AI”? One that is absent of algorithmic bias? Or that delivers the “correct” answer?

In summary, I believe the article requires additional intellectual rigour injected into firming up the objective of the paper as well as the ideas postulated.