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Peer Review

Review of: "Adverse Environmental and Public Health Effects of Artificial Intelligence: A Narrative Review"

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1. Author in the abstract mentioned overcoming these barriers requires the development of comprehensive economic analyses and structured strategic roadmaps. Not only do we need comprehensive economic analysis, but we also need lightweight and powerful algorithms.
2. No keywords.
3. Artificial intelligence (AI), particularly machine learning (ML) and deep learning (DL), has emerged as a dominant technological force of the 21st century. The author should correct that ML and DL are subsets of AI.
4. The AI life cycle involves mining rare earth materials that damage the environment and cause harm. Unable to understand this statement. The AI life cycle involves a structured sequence of stages starting from problem definition to continuous monitoring and improvement of the deployed model.
5. Figure 1. Conceptual framework of AI lifecycle showing environmental and public health impacts should be changed to A Conceptual Framework of the Artificial Intelligence Lifecycle Highlighting Environmental and Public Health Impacts across All Phases.
6. Table 1. Summary of environmental impacts of AI development and deployment. What are the references for the values mentioned in the table?
7. Health misinformation, deepfakes, and erosion of trust. Not much information on deepfakes.
8. The outcome of the paper is not clear.
9. Few concepts are overstressed, and few concepts are not fully covered or ignored in this paper.
10. No structured way of discussing the concepts.

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Declarations

Potential competing interests: No potential competing interests to declare.