Review of: "Harnessing Self-Supervision in Unlabelled Data for Effective World Representation Learning in AI Models"

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Potential competing interests: No potential competing interests to declare.

One such technology that can identify intricate patterns from unlabeled data is self-supervised learning. The topic chosen is very good as the AI machines learn itself, it can operate more effectively when implemented, requiring less training time.

Few things that needs to be addressed are as follows:

1. The novelty of this work is not clear. In the abstract part, the novelty and key idea of the proposed method should be described.
2. The literature review is insufficient. The references list contains outdated articles. (The most of them are outdated. Cite Score in SCOPUS is derived from publications published during the last three years.) Please look into it.
3. Mathematical details / modeling is found missing in the article.
4. Which articles were compared with the proposed technique? There are several techniques that have been proposed in past studies. The effectiveness of this work is not clear. Through simulations/experiments, please justify the effectiveness of the proposed method by comparing with the other latest methods.
5. The results of this research are not clear in Conclusions. Please show the scientific contribution of this work with concrete data. Furthermore, the benefits of the proposed method are not supported by theory.