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.

That work investigates the benefits from exploiting unlabeled data in real-world applications, establishing a discussion over both practical and theoretical concepts. The self-supervised learning is in the core of that discussion, mentioning popular frameworks that can enhance the default procedure of that kind of methods under two different scenarios regarding the amount of labeled data on our possession. The comparison with the supervised learning methods depicts the need of those methods, as well as their impact when properly employed.

The weak points based on my opinion of that work are the following:

- The paper repeats several times some keywords or phrases regarding its contributions, without further discussing them.
- The theoretical understanding that the reader is prepared to meet into that draft based on the introductory Section is never held. You could smoothen that contribution.
- More information regarding the dataset and the rest conditions under which the experimental procedure was held should be revealed.
- Error analysis is missing from that discussion, so as to get further insights.

That initiative is considered positive for a further investigation in the field, providing a useful literature review and discussing some crucial components of the self-supervised learning. However, its novelty is limited.