

Review of: "A Unified Framework for Cyber Oriented Digital Engineering using Integration of Explainable Chaotic Cryptology on Pervasive Systems"

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Potential competing interests: No potential competing interests to declare.

The structure of the paper should be improved. In particular, the introduction section should be more structured, faster, and cover the key five elements: motivation, objectives, literature gap and paper's contributions to the literature, justification of the methodology, and summary of the results. Furthermore, in the introduction section, the authors clearly describe the added value of their analysis and the positioning in light of previous findings.

I suggest the authors analyze more papers that are recently published. Moreover, make sure that the literature review is linked to a systematic.

The method used should be compared with various methods, and the results should be strengthened. The methodological explanation of the method used should be made with the help of assumptions and formulas.

The results should be discussed more thoroughly in light of the existing literature. This is a very important point to address.

In the conclusion section, a more detailed discussion of the policy implications would make the paper richer and more informative for investors and policymakers.

While the paper mentions extensive comparative experiments on various public datasets, it lacks specific details about the experimental setup, such as the selection criteria for datasets, parameter tuning procedures, and validation techniques. Providing this information would enhance the reproducibility of the results and allow readers to better understand the robustness of the proposed model.

The discussion was too shallow and did not explain why the proposed method was superior. The authors are also requested to focus on the obtained results and reflect the proposed method's effect on them. The robustness of the method has not been discussed.

Check the mathematical notation, especially for the proposed method. This will facilitate new readers' tracking and applying of the proposed method and get the same results.

Various figures are not explained well. I suggest adding a brief description of each figure in their captions.

A complete description of the experimental protocol is missing.