

Review of: "Supply Chain Fraud Prediction with Machine Learning and Artificial Intelligence"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

Reviewers' comments:

The article, entitled "Supply Chain Fraud Prediction with Machine Learning and Artificial intelligence" is well organized and structured in the perspective of implementation as well as the result discussions.

The paper could be accepted if the following issues are well addressed.

1. First of all, the title of the manuscript does not fully reflect the paper.
2. The data cleaning/preprocessing processes are the novelty of the paper and the utilized classification methods are well explained, but what is much more important is to discuss why the authors utilized these methods?
2. I couldn't see any information how the authors select the methods and parameters of the methods, namely I couldn't see any information about method optimization or parameter optimization.
3. Statistical significance testing (such as paired t-test) of final results should be performed over the results. That is the order of the day. In its absence, none can make categorical remarks about the superiority of the utilized methods.
4. Obtained results should be validated according to the literature.
5. Literature review should focus on more recent papers.

Recommendation

I believe that after the implementation of the abovementioned **MINOR** suggestions, the manuscript would attract interest among the general "Qeios" readership. In conclusion, I feel that the paper is **ACCEPTABLE** as an original study after authors correct the mistakes and fill the deficiency that I suggested above.