

This paper is related to reviewing the manuscript (Version-2) titled "**Comparative analysis of BERT and FastText representations on crowdfunding campaign success prediction**"

Through a close examination of the language content of Kickstarter projects, this study aims to investigate how advanced artificial intelligence techniques may be used to forecast project outcomes. In order to do this, the effectiveness of two well-known text encoding frameworks—BERT and FastText—when combined with LSTM and GBM classification algorithms is compared.

This is the second version of the article. It is seen that the author has examined all the revisions claimed, requested and suggested by the editor and 3 referees in the first revision, item by item, and has made the necessary edits carefully and meticulously.

All requests have been made in the Basic Reporting, Experimental Design and Validity of the Findings sections raised by the editor.

- a) The author gave an explanation for the selection of LSTM and GBM and defend the use of particular BERT layers.
- b) In the methods section, the author condensed the explanations of LSTM and GBM to highlight the key elements pertinent to this investigation.
- c) To highlight performance discrepancies, comparative data and visual aids—such as bar charts for performance metrics—have been introduced to the results section.
- d) The Conclusion and Discussion section provides a clear summary of the key results and their implications.
- e) In order to create a more seamless transition from the overview of crowdfunding to the particular focus on sentiment analysis and AI models, the author included transitional phrases in the Introduction.
- f) According to the Reviewer suggestion, Recall was incorporated into the assessment metrics by the author, and in the results section, a more thorough examination of precision, recall, and F-Measure was given.
- g) Finally, the question asked by Referee 3, "The accuracy score given by the method was not interpreted" was answered and the necessary result evaluation was added to the paper.

For these reasons above;

My decision is accepting. I do not see any harm in publishing the manuscript.

Best regards.