



Technical Comments

Paper ID: ICSMDI045

Title: Twitter Sentiment Analysis for Bitcoin Price Prediction

Decision: Accepted with Major Revision

Review Comments:1

1. Twitter sentiment analysis for bitcoin price prediction is the proposed title of this paper.
2. Acronym placed in the keyword should be in expanded form.
3. Survey of literature is not systematic.
4. Dataset details are inadequate.
5. Selection of algorithm should be justified by the author.
6. How to remove the hashtags?
7. In what way to lemmatizing the tweet?
8. Figures are of poor resolution and clarity.
9. The experimental procedure involved in generation of figure 4 output should be elaborated in detail
10. Minimum of 15 reference papers should be used in the reference section.

Review Comments:2

1. Avoid the use of personal pronouns such as “We” in the abstract and introduction section.





2. Include the flow chart or the block diagram of the proposed model.
3. Redraft the sentence “Data pre-processing is the process of transforming raw data into something that can be used by a machine learning model.” And provide relevant technical statements.
4. Provide the definition and expression for “R²-score and Mean Square Accuracy (MSE).”
5. What is the split ratio on training and testing? Mention the number of samples on training and testing dataset.
6. Mention the y axis labelling for the figure 3 and 4.
7. In “Results section” include the software specifications and the tools used.

Yours’ Sincerely,

Dr. J. Yogapriya
Conference Chair
ICSMDI 2023

