Integration of ADASYN Method With Decision Tree Algorithm in Handling Imbalance Class for Loan Status Prediction

1. Paper Submission

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2. Bukti proses review bahwa karya ilmiah layak dipublikasikan

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	Our decision is: F	evisions Required										
	Reviewer A:											

Abstract

1. No obvious writing errors are detected in the abstract.

2. The percentage increase in accuracy (12.22%) should be explained in more detail regarding the comparison of data sets before and after using the oversampling technique. 3. Abstract Mentions the results (accuracy 85.22%) but does not mention the importance of these findings for further practical applications.

Introduction

1. There are repetitions of sentences in the same paragraph (for example, the sentence regarding the credit distribution graph is repeated twice).

2. The graph mentioned (Figure 1) does not adequately explain what the graph specifically shows.

3. An explanation of the impact of COVID-19 on the economic sector is less directly related to the main research topic, namely predicting loan status using data mining techniques

techniques. 4. Explanations regarding the increase in credit use should be complemented by a global context or comparison with other countries to provide a more comprehensive picture.

Methodology

1. The explanation of the data preprocessing stages is not detailed enough. For example, what type of preprocessing technique was used (normalization, filling in missing values, etc).

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The description of how the ADASYN technique is applied is not in depth. It would be helpful to explain what parameters are used and how they were selected.
 There is no comparison with other methods that might be used to solve the same problem. This will help show the advantages and disadvantages of the approach taken.

Results

1. Explanation of accuracy results is not followed by in-depth interpretation. Why are these results important and how do they compare with previous research?

2. There is no data visualization other than accuracy figures. Graphics or tables showing a comparison of the results before and after using the ADASYN technique will be more informative.

3. There is no further analysis of the results, such as error analysis or explanation of cases where the model fails to provide accurate predictions.

4. There is no information regarding validation of results through other methods or the use of cross-validation to ensure the accuracy of the results.

Conclusion

1. The conclusion is too short and tends to generalize research results without mentioning limitations or potential areas for further research.

2. The conclusion does not explicitly link the research results back to the initial objectives stated in the introduction.

3. There is no mention of limitations of the study or challenges encountered during the study that may have influenced the results.

Recommendation: Revisions Required

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3. Acceptance Letter

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	[jri] Editor Decision (External) Inbox ×		×	₽	ß
IRI	Pengelola JRI -jurnal.jri@gmail.com> to me, ita.jvi, denny.dpi	Sun, Jul 14, 5:48 PM	☆	¢	i

Ami Rahmawati:

We have reached a decision regarding your submission to Jurnal Riset Informatika, "INTEGRATION OF ADASYN METHOD WITH DECISION TREE ALGORITHM IN HANDLING IMBALANCE CLASS FOR LOAN STATUS PREDICTION".

Our decision is to: Accept Submission

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