Applying Meta-Synthesis Techniques in Identifying Optimization Components of FinTech Based on Artificial Intelligence Indicators in the Financial Market

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1. Round 1

1.1. Reviewer 1

Reviewer:

The methodology section states, "The researcher employed a systematic review and meta-synthesis approach," but it lacks a clear explanation of how the seven-step method of Sandelowski and Barroso was applied. Provide more detailed steps or an outline of this process to enhance reproducibility.

The process of selecting 35 articles out of 198 based on the CASP method is mentioned. Include a more detailed explanation of the criteria used for this selection and how these criteria ensure the validity and reliability of the selected studies.

While various coefficients are listed for confirming validity and reliability, the text does not explain how these were specifically applied to the study's context. Describe the procedures and thresholds used for these coefficients in assessing the studies.

The text states that MAXQDA software was used for data analysis but does not detail the specific functions or tools within MAXQDA that were utilized. Include more information on the specific coding or analytical techniques applied using MAXQDA.

The section summarizing the 21 codes in four categories is rather brief. Expand this section to include more detailed descriptions and examples of these codes and categories to provide a clearer understanding of the findings.

The initial code extraction table is informative but could benefit from additional context or examples for each component to clarify how these components were identified and their significance in the study.

The discussion on AI techniques such as machine learning algorithms and neural networks should be more detailed. Explain how these specific techniques contribute to FinTech optimization with concrete examples from the literature.

The article briefly mentions the limitations and risks of AI indicators but does not elaborate on these points. Provide a more thorough discussion of these limitations and potential mitigations to give a balanced view of the study's implications.

Authors revised the manuscript and uploaded the new document.

1.2. Reviewer 2

Reviewer:

The introduction provides a good overview but could be expanded to include more recent studies or a broader range of perspectives on AI in FinTech to demonstrate comprehensive background knowledge.

The formulation of research questions based on the Sandelowski and Barroso method is mentioned but not explicitly stated. Include the exact research questions posed by this study to clarify the research focus.

Describe the coding process in more detail, including how inter-coder reliability was ensured and any challenges encountered during coding and how they were addressed.

The practical implications of the findings for the FinTech industry could be expanded. Discuss specific ways in which FinTech companies can apply these AI optimization components in their operations.

Include a comparative analysis of the identified AI indicators and components with those found in other studies to highlight the uniqueness and relevance of the current findings.

Authors revised the manuscript and uploaded the new document.

2. Revised

Editor's decision after revisions: Accepted.
Editor in Chief's decision: Accepted.