

[Review Form2](#)

Book Name:	Business, Management and Economics: Research Progress
Manuscript Number:	Ms_BPR_2862
Title of the Manuscript:	Securing Financial Transactions: Cyber security Challenges and Strategies in the Banking Sector
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is very important to the scientific community, particularly in the financial sector. It addresses a critical and timely issue—cybersecurity in financial transactions—by providing a detailed analysis of challenges and proposing actionable strategies. Its focus on advanced technologies like AI, blockchain, and multi-factor authentication aligns with current trends and offers practical solutions for safeguarding financial data and ensuring regulatory compliance. However, the manuscript would benefit from more depth in exploring the evolving landscape of financial cyber threats, which could enhance its value to researchers and industry professionals.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is largely suitable as it accurately reflects the manuscript's content. However, including "Advanced Solutions" or "Emerging Technologies" might signal the paper's focus on forward-thinking strategies and innovations. For instance, "Securing Financial Transactions: Cybersecurity Challenges and Advanced Strategies in the Banking Sector" could better capture the manuscript's full scope.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract provides a comprehensive overview of the manuscript's content but would benefit from slight rewording for clarity. For instance, the discussion on regulatory compliance could be expanded to briefly mention key frameworks like GDPR or PCI-DSS, as they are significant factors in the financial sector. Additionally, mentioning AI and blockchain is appropriate, but it would be helpful to specify a few real-world applications of these technologies within the abstract.	
Are subsections and structure of the manuscript appropriate?	The subsections are generally well-organized, and the manuscript follows a logical structure. However, the "Technological Vulnerabilities" section could be subdivided to further distinguish between various types of risks (e.g., legacy systems, cloud computing, and IoT devices). This would make the content more digestible and emphasize the distinct nature of each threat.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound. The categorization of cyber threats, the detailed analysis of APTs (Advanced Persistent Threats), and the proposed use of advanced authentication methods (MFA, biometric technologies) accurately reflect current industry standards. Furthermore, the references to regulatory compliance challenges are well-founded. However, the authors should expand on the practical implications of these solutions, especially the scalability of certain technologies like blockchain and AI in smaller financial institutions. Overall, the technical depth and analysis are commendable, but the manuscript would benefit from more case studies or examples to validate the solutions proposed.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	The references are sufficient and relevant, though many focus on publications from 2020–2023. While this is appropriate for a rapidly evolving field, adding a few foundational works on cybersecurity theory or older case studies could provide historical context and strengthen the manuscript. It would also be beneficial to cite more recent publications on AI's specific role in real-time monitoring and fraud detection in financial transactions.	

Review Form2

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language suits scholarly communication, but a few areas would benefit from improved clarity and conciseness. For instance, some sections use overly technical jargon that might be challenging for a broader audience. Simplifying these terms without compromising the technical depth will enhance readability. Additionally, slight grammatical improvements are recommended, particularly in the introductory section, to ensure smoother flow.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> • Inclusion of Practical Case Studies: Including real-world examples or case studies would greatly enhance the manuscript's practical utility. Specifically, detailing how certain banks or financial institutions have successfully implemented some of the proposed cybersecurity strategies would provide concrete evidence of their effectiveness. • Expansion on AI and ML: The discussion on AI and machine learning is insightful but could be deepened. A more detailed exploration of how these technologies can be applied beyond anomaly detection—such as fraud prediction and behavioural pattern analysis—would be beneficial. • Broader Discussion on Regulatory Challenges: Although the manuscript touches on regulations like GDPR and PCI-DSS, a more extensive exploration of the evolving regulatory landscape, particularly in emerging markets, could make the paper more globally relevant. This would help readers understand how different jurisdictions are addressing cybersecurity challenges. <p>Revisions are necessary to address the above points, particularly enhancing practical applications and improving clarity in some sections. Upon revision, this manuscript would be a strong contribution to the field.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment<i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i></p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Siddharth Kumar Bansal</p>
<p>Department, University & Country</p>	<p>Indian Institute of Business Studies and Management, India</p>