

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_116979
Title of the Manuscript:	DATA SECURITY FRAMEWORK FOR PROTECTING DATA IN TRANSIT AND DATA AT REST IN THE CLOUD
Type of the Article	Research

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	Yes the article provide a guide for normal users to secure data. Yes Abstract is written well. Yes Normal References are old and try to cite latest references	Review suggestions admitted and updated in the work. The reviewer did a great job by suggesting specific changes and alternatives to improving the work.
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Try to improve English sentence structure and remove grammar mistakes	
Optional/General comments	<p>Data in the cloud are prone to attacks especially data at rest and data in transit." - Consider rephrasing to "Data stored in the cloud is particularly vulnerable to attacks, especially when at rest or in transit."</p> <p>"However, although extant studies on data security in the cloud has attracted cybersecurity researchers' attention, little attention has been paid to the development of data security framework that incorporates both technical and social measures." - This sentence seems a bit convoluted. Consider revising to something like, "While existing studies on cloud data security have garnered attention from cybersecurity researchers, there has been limited focus on developing a comprehensive data security framework that integrates both technical and social measures."</p> <p>"Using the purposive sampling technique, ten cybersecurity experts within the banking sector were selected." - Specify whether these experts were selected randomly or based on specific criteria, as purposive sampling typically involves selecting participants based on predefined characteristics.</p> <p>"The study developed the framework for protecting data at rest and data in motion in the cloud based on the following factors and findings." - Consider clarifying which specific factors and findings were used to develop the framework.</p> <p>"First encryption technologies were implemented in the framework to secure both storage devices and web connections." - Specify the types of encryption technologies used (e.g., AES, RSA) for clarity.</p> <p>"Also, the findings revealed that access and usage control technical strategies integrate user identification and authentication, confidentiality, data integrity, and non-repudiation safeguards in securing data-at-rest and data-in-motion." - Break this sentence into smaller, clearer sentences for better readability. For example, "The findings revealed that access and usage control strategies integrate user identification and authentication. Additionally, these strategies incorporate safeguards for confidentiality, data integrity, and non-repudiation, securing both data-at-rest and</p>	

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	<p>data-in-motion."</p> <p>"Also, the findings revealed that social strategies are needed in the form of staff training and industry collaboration on data security measures to provide guidance and also raise security threats awareness as well as inform best practices to secure organizational data." - Consider rephrasing for clarity and conciseness. For instance, "Additionally, the findings emphasized the importance of social strategies such as staff training and industry collaboration in enhancing data security. These strategies aim to raise awareness of security threats and inform best practices for securing organizational data."</p> <p>"The study recommends that banks consider both technical and social aspects when implementing data protection security measures." - Specify what specific measures or guidelines the study recommends for banks to consider in terms of technical and social aspects of data protection.</p>	
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PART 2:

	Reviewer's comment	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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	