

Peer Response 1

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I really enjoyed reading the excellent writing, A. It brings up interesting points about why the use of technology today and why it is important to use it effectively. Same as the importance of modern world dependency on interconnected and advanced technology. As well as the increased reliance on data processing in general, in the healthcare and medical research sector, these sectors serve as prime examples of the critical importance of health services, given their inherent significance. The points you mentioned are increasingly dependent on elements such as underlying infrastructure, which is essential. For instance, cloud computing, high-performance computing and additional cutting-edge technology are required to support processes. I am in full agreement with your points.

A notable example, as you pointed out, is the Electronic Health Records (EHRs), which are vital in helping to better evaluate and prevent health issues. It is important to consider the security and privacy risks and implications associated with this. For instance, personal identifiable information (PHI) of patients, which, if exposed, could have negative effects such as discrimination by healthcare institutes, insurance companies, discrimination against employees based on health or disability is another example. Thank you again for bringing that excellent piece of writing.

I am curious to learn which strategies will be designed in the future to address such challenges.

(Vats, T., Kumar, S., Singh, S.K., Madan, U., Preet, M., Arya, V., Bansal, R. and Almomani, A., 2024).

References

Vats, T., Kumar, S., Singh, S.K., Madan, U., Preet, M., Arya, V., Bansal, R. and Almomani, A., (2024). Navigating the landscape: Safeguarding privacy and security in the era of ambient intelligence within healthcare settings. *Cyber Security and Applications*, 2, p.100046.