

Digital Literacy and Information Security: Convergences, Departures and Assumptions

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Abstract

In the recent years, the world has witnessed emergence and exponential growth in affordable but powerful digital assets assembled to support high-end processing, transfer and storage of high volumes of data. These computing assets have successfully disrupted the lives of many with their ability to support mobility of users, portability of systems, heterogeneity of applications, parallelism in processing and dynamism in consumer needs. With expanded node announcements of these digital assets, more activities have been activated and numerous interests registered across disparate sectorial sets and boundaries. In all these, key in consideration is utility interactions between digital assets and active consumers, and this can be achieved through effective digital literacy. Digital literacy is hugely attributed to requisite efforts by stakeholders within education sector, geared towards building capacity of consumers while cognizant of important safeguards tagged with their usage. Utilization of digital assets is inevitable due to data resident in them but quality of such data must be prioritized thus scoring the relevance of information security. This paper is in favor of critical interrogation of common mappings that matches information security with realizable digital literacy, potential isolation cases that pose disconnects between information security and functional digital literacy, and nonpositive assumptions that negates the principles of digital literacy.

KEYWORDS: Data, Information Security, Digital Device, Digital Literacy