Title: Observations on big data concerning storage and security management

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Abstract: Due to the exponential rate of expanding data, the interest in big data terminology is growing in both logical and physical disciplines for its potential efficacy. The Internet of Things (IoT) and cloud computing hold terabytes of data, which invokes this interest. A proper database management system helps to boost institutional access to data, which ultimately benefits the use significantly. Furthermore, a management system is required to obtain timely answers to database queries. This research aims to review and summarize the most commonplace security management and storage management of large databases. We examine various fundamental standards and security issues with databases and present a comprehensive overview of initiatives inside and outside the enterprise to effect this objective. Usually, we consider metadata when we try to find something from Google or other search engines. As a result, we like to determine the most efficient metadata systems. Finally, our study provides some observations and suggestions about the administration of big data storage and securities and encourages us to pay heed to this domain.

Keywords: Database management system, Internet of things, Search engine, Data storage and retrieval, Metadata, Cloud computing

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