Abstract

Big Data refers to the data or sets of records that are too large in volume to be operated using
the existing database management tools and techniques. They are produced in many important applications, such as search engines, business informatics, social networks, social media, genomics, meteorology, and weather forecast. Big data presents a big challenge for database and data investigative research. The main objective of this paper is to give a brief introduction of Big Data, its architecture, characteristics and challenges.

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Index Terms

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