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Big data top down approach

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Today big data or data science is emerging. The big data issue for big industries such as telecommunication, banking, healthcare and big educations environment such as research universities. We need big data analytic because it does reflect many high impact information needed in business, government and/or private sectors. The aim of this talk presenting reviewing elements of big data, current research work challenges issues in architecture design, store data and information/data retrieve. Big database types such as cloud, big data security, software engineering solutions and big data search engines reviewed. In addition, with the exponential growth of data collected and available, the need to properly sort and use that data efficiently arises. This poses new challenges to agencies and almost all businesses. These huge amounts of data known as big data and this presentation covers the basic techniques used and real world applications and good usage of the data collected. The scenarios of usage are countless and almost every company has to deal with this problem. However, big data have another form of definition in terms of quality and quantity, thus, whether it needs to keep records of their sales, information about their customers or technical information. Therefore, big data techniques must have a reduction algorithms tools not compression techniques to obtain useful data.

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