"Big Data" is a field of data science that investigates how huge amounts of data can be separated and examined so as to gather information from them. There are five main characteristics of big data known as the "5 V’s of Big Data" which help us to effectively understand the meaning of big data. These attributes of big data help the organisations to improve the value of its current information.

**Introduction**

The five ‘Vs’, viz. volume, variety, velocity, veracity, and value, are considered as the pillars of Big Data. Each of these has been briefly explained below:

- **Volume** refers to the magnitude of data that is gathered or produced by companies each day. The constant influx of huge amounts of data can no longer be saved or analyzed using conventional data processing methods. The need for additional storage is one of the major issues business encounter when introducing big data practices. Thus, volume is the most important and distinctive feature of Big Data as it imposes specific requirements to all traditional technologies and tools currently used. It is difficult to gather, manage, and analyze the huge amount of data with the existing IT infrastructure and tools; thus, these large quantities of data sets require new and innovative tools and approaches for collecting, storing, and analyzing data.

- **Variety** refers to the diversity of data. The data is generated from different sources and formats and contain multidimensional data fields. The data collected maybe structured, semi-structured or unstructured. Data also comprise images, videos and speech recordings in addition to conventional datasets. In today’s world, the percentage of unstructured data is more than 80%. However, there are different ways to process these large amount of unstructured information, either through investing in big data analytical platforms or hiring data professionals.

- **Velocity** refers to the speed with which the data is generated, collected, analyzed and reprocessed. Since big data is gathered in such large quantities, it is not only the storage infrastructure which is required to process the information properly but also the speed at which it should be processed. Fast processing of information maximizes efficiency and yields better results for business than a huge amount of data that takes longer time to analyse. As the flow of data is continuous from various sources it becomes important to make available the right information at the right time.

- **Veracity** refers to the authenticity of data and its credibility. Big Data involves working with all degrees of quality since the volume, velocity and variety factors usually result in a shortage of quality but the amount of data...
collected the speed at which it generates mean nothing if that
data isn’t authentic and reliable. Thus, veracity emphasises the
relevance of quality of data and the trustworthy source of
data.

• Value refers to the added value that the collected data can
provide to the companies. The core of value lies in obtaining
meaningful insights from huge data sets. It emphasizes that it
is not the quantity of data that speak by themselves and therefore
it should be accompanied with technological tools and human
minds to derive value from them. It emphasizes that the focus
should not be on the aggregation of data and storage infrastructure
but also on how worthy the collected data is for the company. Thus,
it becomes important to do cost benefit analysis of collecting and
analysing data to ensure that it adds value to the business.

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Annexure I

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Reviewers Comment

Review 1: In this paper the author has covered all the importance of the Big data in the terms of V’s volume, variety, velocity, veracity.

Review 2: In my opinion: The Big data is alternative one of person's shorthand words, nonetheless this is one that Janice in Accounting.

Review 3: Every business, big or small, is managing a considerable amount of data generated through its various data points and business processes. At times, businesses are able to handle these data using excel sheets, access databases or other similar tools.

Editorial Excerpt

This Article has 10% significance of plagiarism; the finding related to “Understanding The Vs of Big Data” in general words The Big data volume defines the ‘amount’ of data that is produced. The value of data is also reliant on the scope of the data. Nowadays data is made from various sources in different formats organized and shapeless. In essence, when the media talk about Big Data, they’re not just speaking about vast sums of data that are potential gem troves of gen. After review comment it is obvious to take this object under "Scrutiny Tip (ST)" Category.

Acknowledgement

Author is highly indebted to Scholastic Seed Inc & editorial team of Cybernomics, For making the write-up in the shape of an article.

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