Abstract

Due to the swift growth of WWW there has been large volume of information is produced and shared by various administrations in nearly every business, industry and other fields. Due to this high explosion it’s really a big challenge to store, manage and access knowledge. Experts estimate that 80 to 90 percent of the data in any organization is unstructured. And the amount of unstructured data in enterprises is growing significantly. Often many times faster than structured databases. Unstructured data files often include text and multimedia content. Examples include e-mail messages, word processing documents, pdfs, videos, photos, audio files, presentations, web pages and many other kinds of business documents. A huge amount of information spread across the web poses a major challenge in identifying relevant information. Existing tools lack analysis and visualization capabilities and traditional result displays long list of documents instead of providing concrete answers. This paper discusses various methods, tools and techniques for mining unstructured data that enables better data analysis and visualization.

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**Index Terms**

- Computer Science
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**Keywords**

Unstructured data, structured data, data mining, text mining, machine learning, DGE model.