Big data usually includes data sets with sizes beyond the ability of commonly used software tools to capture, curate, manage, and process data within a tolerable elapsed time. In this paper, we have discussed about the various characteristic's of big data and how data is increasing day by day. There are various aspects of knowledge discovery that are discussed. Moreover, the small world phenomenon with various examples and six degrees of separations principle has been discussed in this. Analysis of data sets can find new correlations, to "spot business trends, prevent diseases, combat crime and so on. Thus we have concluded that our world is shrinking to the advent application of big data.

References


Index Terms

Computer Science Information Sciences

Keywords

Big Data, Small World Phenomenon, Six degrees of Separation.