Abstract

Big Data Analytics has been gaining much focus of attention lately as researchers from industry and academia are trying to effectively extract and employ all possible knowledge from the overwhelming amount of data generated and received. Traditional data analytic methods stumble in dealing with the wide variety of data that comes in huge volumes in a short period of time, demanding a paradigm shift in storage, processing and analysis of Big Data. Owing to its significance, several agencies including U. S. government have released huge funds for research in Big Data and allied fields in recent years. This paper presents a brief overview of research progress in various areas associated to Big Data Processing and Analytics and conclude with a discussion on research directions in the same area.

References

- S. Madden, "From Databases to Big Data," IEEE Internet Computing, vol. 14, no. 6, pp. 4-6, 2012.


**Index Terms**

Computer Science  Information Sciences

**Keywords**

Big Data Analytics  Big Data Processing  Big Data Research