Abstract

Big Data Analytics is the new technology for extracting hidden information from the large datasets or data deluge, due to its volume, variety, and velocity. This paper presents the overview of big data, its available technologies and tools and discusses the open issues of big data. Big data plays a significant role in education sector. Everything has become digitalized in the educational institutions, which leads to store and process enormous amount of data. Handling the huge amount of data is complex. The main focus of this paper is to propose a new approach to analyze the large streaming data that produced by web server logs of educational institution. The result represents the student's web usage behavior, which supports to make better decisions to improve the student's performance and suggest recommendations for their academic perspectives.
Big Data for Education in Students' Perspective

Refer

- https://www.ida.gov.sg/~media/Files/InfocommLandscape/Technology/TechnologyRoadmap/BigData.pdf, as on 08-5-2014
- Jiawei Han and Micheline Kamber, "Data Mining Concepts and Techniques", chapter - 1
- A community white paper developed by leading researchers across the United States "Challenges and Opportunities with Big Data"; 2012.

Index Terms

Computer Science

Database Management

System
Keywords
Big Data  Big Data Analytics  Web Usage Mining.