

Control the Flow of Big Data

Authors : Shizra Waris, Saleem Akhtar

Abstract : Big data is a research area receiving attention from academia and IT communities. In the digital world, the amounts of data produced and stored have within a short period of time. Consequently this fast increasing rate of data has created many challenges. In this paper, we use functionalism and structuralism paradigms to analyze the genesis of big data applications and its current trends. This paper presents a complete discussion on state-of-the-art big data technologies based on group and stream data processing. Moreover, strengths and weaknesses of these technologies are analyzed. This study also covers big data analytics techniques, processing methods, some reported case studies from different vendor, several open research challenges and the chances brought about by big data. The similarities and differences of these techniques and technologies based on important limitations are also investigated. Emerging technologies are suggested as a solution for big data problems.

Keywords : computer, it community, industry, big data

Conference Title : ICACH 2020 : International Conference on Advanced Computer Hardware

Conference Location : Dubai, United Arab Emirates

Conference Dates : March 19-20, 2020