Abstract

On account of incremental growth in big data analytics, various fields of research and industries require effective data mining tools to derive relevant information from various databases. Thus data mining, big data, machine learning algorithms are all linked with each other and work for a common cause i.e. information. Big Data are very complex in nature and thus mining them is not an easy job. Thus the need of effective data mining tools comes into picture. This paper explores the aspects of R and R studio along with the overview of big data and data mining. R provides different dimensions to statistical analysis of data sets. However in this paper we discuss the overview of the R studio and demonstrate the implementation of k-means algorithm. (Burda, 2015)
- https://www.youtube.com/watch?v=sAtnX3UJyN0

**Index Terms**

Computer Science  
Data Mining

**Keywords**

R Tool  R Script  Big Data  K-means  Weka  Rapid Miner