

Abstract Details

Title: Enhanced Rank Based Similarity Search on Social Networking

Authors: Chandrapal Singh Arya and Pradeep Kumar Sharma

Abstract: The advancement in the technology and increased usage of the social networking websites leads to huge amount of data available for processing. This data exhibits the property of Big Data and needs to be processed efficiently. The Big data processing is necessary for the extraction of information from big data. The numerous numbers of researches have been done in the field of data mining but this work focus on the classification techniques. The study of various techniques exhibits that the RCT algorithm is most efficient for the low dimension dataset but its performance gets degraded with the increase in the dimensionality of the dataset. The RCT algorithm defines a data structure for K-NN classification technique. The MRCT modifies the RCT by including a step for the dimension reduction. The performance enhancement of the MRCT over the RCT signifies the effectiveness of the work.

Keywords: RCT, MRCT, K-NN, Big Data, SASH.