Abstract

With increasing amount of data in information industry, there may be an immense amount from claiming information accessible in the majority of the business data. This information will be of no utilization until it is changed over under suitable data. It found important to examine this immense amount of data and withdrawal meaningful knowledge from it. Data mining is an important methodology in withdrawal of meaningful knowledge from large cluster of data. Clustering is included in the tasks of data mining. Clustering is one of the task in which making a group of physical objects into classes of similar objects. In this review paper, we give a study of various clustering methods in data mining for information retrieval and other purposes. We will describe fundamental study of clustering and will analyze each methodology by doing comparative study in table format and examine the clustering algorithms for heterogeneous data.

References
1. Chuan Shi, Member, IEEE, Yitong Li, Jiawei Zhang, Yizhou Sun, Member, IEEE, and Philip S. Yu, Fellow, IEEE “A Survey of Heterogeneous Information Network Analysis”, IEEE transactions on knowledge and data engineering.

2. Yizhou Sun, Jiawei Han, Xifeng Yan and Philip S. Yu, “Mining Knowledge from Interconnected Data: A Heterogeneous Information Network Analysis Approach” 38th International Conference, August 27th - 31st 2012, Vol. 5, No. 12


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