Abstract

With the explosive growth of information sources available on the World Wide Web, it has become increasingly necessary for users to utilize automated tools in find the desired information resources, and to track and analyze their usage patterns. These factors give rise to the necessity of creating server side and client side intelligent systems that can effectively mine for knowledge. Web mining can be broadly defined as the discovery and analysis of useful information from the World Wide Web. Our aim is to utilize the concept of using an efficient MST approach to assist easier web navigation with involvement of clustering concept. In this paper we analyze and thereby make use of implementing the same concept in it, which works on the fact of constructing a minimum spanning tree of a point set i.e. nodes and removes edges that satisfy a predefined criterion.

References

- C. Zahn, 2011, &quot;Graph theoretical methods for detecting and describing gestalt
clusters".
- Oleksandr Grygorash, Yan Zhou, Zach Jorgensen, Minimum Spanning tree Based clustering Algorithms
- Pedro F. Felzenszwalb, Daniel P. Huttenlocher, Efficient Graph-Based Image Segmentation.
- T. Asano, B. Bhattacharya, M. Keil, F. Yao, 1988, Clustering algorithms based on minimum and maximum spanning trees.

**Index Terms**

Computer Science

Data Mining
Keywords
Cluster Heads  Gateway Nodes  Mst (minimum Spanning Tree)  Chmst(cluster Head Minimum Spanning Tree)