Abstract

Medical diagnosis is considered as an important yet complicated task that needs to be executed accurately and efficiently. The automation of this system will be very useful for the medical field. Due to recent technology advances, large masses of medical data are available. These large data contain valuable information for diagnosing diseases. Text mining techniques are using to extract useful patterns from these mass data. It provides a user-oriented approach to the novel and hidden patterns in the data. This paper intends to provide the survey of various medical text mining techniques used in medical field. The purpose of this survey is to obtain a most suitable text mining technique for the medical data.

References

- Vishal Gupta, Gurpreet S. Lehal, "A Survey of Text Mining Techniques and Applications", Journal Of Emerging Technologies In Web Intelligence, VOL. 1, NO. 1, AUGUST 2009
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- Eui-Hong (Sam), Han George Karypis, Vipin Kumar, "Text Categorization Using Weight Adjusted k-Nearest Neighbor Classification", Army HPC Research Center University of Minnesota.
- Periklis Andritsos, "Data Clustering Techniques", University of Toronto, March 11, 2002.
- Prof. M. S. Prasad Babu, K. Swapna, Tilakachuri Balakrishna, Prof. N. B. Venkateswarulu, "An Implementation of Hierarchical Clustering on Indian Liver Patient Dataset", IJETCAS 14-495; © 2014,
- M. Shouman, T. Turner and R. Stocker, "Applying K-Nearest Neighbour in
A Survey on Medical Text Mining

Diagnosing Heart Disease Patients”, International Conference on Knowledge Discovery (ICKD-2012), (2012).
- S. Soni and O. P. Vyas, “Using Associative Classifiers for Predictive Analysis in

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