Abstract

The main objective of the research is to early diagnosis of the breast cancer patients. Nowadays breast cancer becomes very major disease in many women not only in India but also in other country. For early diagnosis of the breast cancer patients, clustering data mining algorithm used to detect breast cancer. For the experimental purpose breast cancer dataset carried out form the UCI web data repository. The selection of appropriate clustering data mining technique is a challenge for the diagnosis of breast cancer. To get early result the challenges takes four clustering data mining techniques. This research becomes very helpful to doctor for diagnosis breast cancer and also helpful to patients for early treatment.

References

- Rinal Doshi, "DEVELOPMENT OF PATTERN KNOWLEDGE DISCOVERY FRAMEWORK USING CLUSTERING DATA MINING ALGORITHM," International journal of computer engineering & Technology (IJCET), ISSN 0976 – 6367(Print),
Diagnosis of Breast Cancer using Clustering Data Mining Approach

ISSN 0976 – 6375(Online), Volume 4, Issue 3, May-June (2013), pp. 101-112

- WEKA, &quot;The University of Waikato&quot;, machine learning group, weka documentation.
- Xiangchun Xiong Comput. & Inf. Sci., Towson Univ., MD, USA Yangon Kim ; Yuncheol Baek ; Dae Wong Rhee ; Soo-Hong Kim &quot;Analysis of breast cancer using data mining & statistical techniques genetic data a literature review&quot; access from http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&amp;queryText=Brest+cancer+papre+in+data+mining on 17/6/2014
- Mansour, Nashat ; Department of Computer Science and Mathematics, Lebanese American University, Beirut, Lebanon ; Zantout, Rouba ; El-Sibai, Mirvat &quot;Mining breast cancer genetic data a literature review&quot; access from http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&amp;queryText=Brest+cancer+papre+in+data+mining on 17/6/2014
- Qi Fan ; Dept. of Comput. Sci., Huaibei Coal Ind. Teacher Coll., Huaibei, China ; Chang-Jie Zhu ; Liu Yin &quot;Predicting breast cancer recurrence using data mining techniques a literature review&quot; access from http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&amp;queryText=Brest+cancer+papre+in+data+mining on 17/6/2014
Diagnosis of Breast Cancer using Clustering Data Mining Approach


Index Terms

Computer Science

Data Mining

Keywords

Clustering  WEKA  Simple K-means  Breast Cancer  Data Mining