Abstract

Data mining is the analysis of large datasets to discover patterns and use those patterns to predict the likelihood of the future events. Data mining is becoming a very important field in healthcare sectors and it holds great potential for the healthcare industry. This paper presents an overview of current research being carried out using data mining techniques in different medical areas such as heart disease, diabetes, breast and lung cancer and skin disease by using different data mining techniques to find the best method of prediction and accuracy.

References

3. Gupta, S., D. Kumar, and A. Sharma, Data mining classification techniques applied for breast cancer diagnosis and prognosis. Indian Journal of Computer Science and Engineering


20. Jaekwon Kim, MS, Jongsik Lee, PhD, and Youngho Lee, PhD, , Data-Mining-Based Coronary Heart Disease Risk Prediction Model Using Fuzzy Logic and Decision Tree, Health inform Res, Jul(2015), Vol.21, no.3.


A Study of Data Mining Techniques Accuracy for Healthcare


42. P. Radha, Dr. B. Srinivasan, International Journal of Innovative science science Engineering & Technology Vol. 1 issue 6 august 2014.


54. Hatice cataloluk, Metin kesler,” A Diagnostic Software Tool for Skin Diseases with Basic and Weighted K-NN” 978-1-4673-1448-0/12/$31.00 © IEEE 2012.


Index Terms

Computer Science Pattern Recognition

Keywords

Data mining, Healthcare, Disease diagnosis, Data mining techniques, Accuracy.