Abstract

This paper presents a study of different techniques of information mining algorithms used for the aim of predicting carcinoma because it is understood to any or all that prediction of carcinoma survivability has been a difficult research problem for several researchers. Since the early dates of the related analysis, a lot of advancement has been recorded in many related fields. For an instance, a sincere thanks to existing biomedical technologies, higher instructive prognostic factors are being measured and recorded; because of low value computer components and software system technologies, high volume good quality information is being collected and keep automatically; and at last thanks to higher analytical strategies, those voluminous information is being processed effectively and with efficiency. Therefore, the most objective of this manuscript is to report on a research project where we have a tendency to take advantage of these available technological advancements to develop prediction models for carcinoma survivability.

2. Delen D, Patil N. Knowledge extraction from prostate cancer data. The 39th Annual Hawaii International Conference on System Sciences; 2006; 1-10.


5. G. A Forgionne, A. Gagopadhyay, and M. Adya, “Cancer Surveillance Using Data Warehousing, Data Mining, and Decision Support Systems”, Topics in Health Information Management, vol. 21(1); Proquest Medical Library, August 2000


14. Dong-Sheng Cao, Qing-Song Xu ,Yi-Zeng Liang, Xian Chen, “Automatic feature subset selection for decision tree-based ensemble methods in the prediction of bioactivity”, Chemometrics and Intelligent Laboratory Systems.


17. Tsirogiannis, G.L, Frossyniotis, D, Stoitsis, J, Golemati, S, Stafyllopatis, A Nikita,K.S,” Classification of Medical Data with a Robust Multi-Level Combination scheme”, IEEE
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international joint Conference on Neural Networks.

Index Terms

Computer Science Information Sciences

Keywords

Cancer prediction, Breast cancer detection, hybridapriori, association rule mining, pattern analysis.