Abstract

Data mining is gaining popularity in disparate research fields due to its boundless applications and approaches to mine the data in an appropriate manner. Owing to the changes, the current world acquiring, it is one of the optimal approach for approximating the nearby future consequences. Along with advanced researches in healthcare monstrous of data are available, but the main difficulty is how to cultivate the existing information into a useful practices. To unfold this hurdle the concept of data mining is the best suited. Data mining have a great potential to enable healthcare systems to use data more efficiently and effectively. Hence, it improves care and reduces costs. This paper reviews various Data Mining techniques such as classification, clustering, association, regression in health domain. It also highlights applications, challenges and future work of Data Mining in healthcare.

References

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- S. Gupta, D. Kumar and A. Sharma, "Data Mining Classification Techniques Applied For Breast Cancer Diagnosis And Prognosis", (2011).
- S. Chao and F. Wong, "An Incremental Decision Tree Learning Methodology Regarding Attributes in Medical Data Mining", (2009).
- N. Cristianini and J. Shawe-Taylor, "An Introduction to Support Vector
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- Schulam et al., "Clustering Longitudinal Clinical Marker Trajectories from Electronic Health Data: Applications to Phenotyping and Endotype Discovery"; Associations for the Advancements of Artificial Intelligence, 2015.
Index Terms

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Keywords
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