Abstract

Data mining is the process of examining large pre-existing databases in order to generate new information. It discovers patterns in large datasets using various data mining algorithms to extract information. These data mining algorithms are extensively used in healthcare industry.

Our healthcare industry is becoming inconsistent with respect to diagnosis of diseases because of the increasing complexity of the diseases. Many algorithms are used for prediction of this disease like Naive Bayes, Support Vector Machine, Decision Tree, K-Nearest Neighbour etc. Data mining algorithms have proven to successfully predict such diseases using datasets. In this paper we have presented a general study of the most frequently used data mining algorithms in health care specially in predicting heart diseases.
Data Mining Algorithms in Healthcare

Algorithms, medical field

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Index Terms

Computer Science

Algorithms

Keywords

Cardiovascular disease, data mining, machine learning and classification.