Abstract

Heart is the next major organ comparing to brain which has more priority in Human body. It pumps the blood and supplies to all organs of the whole body. Prediction of occurrences of heart diseases in medical field is significant work. Data analytics is useful for prediction from more information and it helps medical centre to predict of various disease. Huge amount of patient related data is maintained on monthly basis. The stored data can be useful for source of predicting the occurrence of future disease. Some of the data mining and machine learning techniques are used to predict the heart disease, such as Artificial Neural Network (ANN), Decision tree, Fuzzy Logic, K-Nearest Neighbour(KNN), Naïve Bayes and Support Vector Machine (SVM). This paper provides an insight of the existing algorithm and it gives an overall summary of the existing work.

References


15. Purushottam, Prof. (Dr.) Kanak Saxena, Richa Sharma, “Efficient Heart Disease Prediction System”, 2016, pp.962-969.


Index Terms

Computer Science    Artificial Intelligence

Keywords

Data mining, Heart disease, Machine learning, Medical centre.