**Heart disease prediction**

Cardiovascular disease is one of the biggest cause for morbidity and mortality among the population of the world. Prediction of cardiovascular disease is regarded as one of the most important subject in the section of clinical data analysis. The amount of data in the healthcare industry is huge. Datamining turns the large collection of raw healthcare data into information that can help to make informed decision and prediction. There are some existing studies that applied datamining techniques in heart disease prediction. Nonetheless, studies that have given attention towards the significant features that play a vital role in predicting cardiovascular disease are limited. It is crucial to select the correct combination of significant features that can improve the performance of the prediction models. This research aims to identify significant features and datamining techniques that can improve the accuracy of predicting cardiovascular disease. Prediction models were developed using different combination of features, and different classification techniques: k-NN, Decision Tree,SVM.

In proposed system various algorithms such as CNN,Naïve Bayes,ANN