Visualizing and Predicting Heart Diseases with an Interactive Dash Board

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BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

LITERATURE SURVEY

TITLE	AUTHOR	ALGORITHM	ADVANTAGES	DISADVANTAGES
Heart Disease Prediction using Exploratory Data Analysis	R. Indrakumari, T. Poongodi, Soumya Rajan Jena	K - means Clustering	The approach made here using K – means clustering is highly stable and used widely for analysing a set of Data.	Only based on type of chest pain the classification has been made.
Heart Disease Prediction using Data Mining Techniques	Dr. S. Anitha, Dr. N. Sridevi	KNN Algorithm, Naïve Bayes Algorithm, SVM Classification	The approach used here involves mathematical values which are very accurate in prediction	The approach yields an average accuracy of 70% which is very low using this algorithm
Effective heart disease prediction system using data mining techniques	Poornima Singh, Sanjay Singh, and Gayatri S Pandi-Jain	Multilayer perceptron neural network, Backpropagation Algorithm	Different layers of data were involved which gives us more accuracy in the output	This technique does not involve any visualization of data (only pre-processing is done with the dataset) so the user does not able to understand the flow of the technique used.