Visualizing and Predicting Heart Diseases with an Interactive Dash Board

S.NO.	Title	Authors	Year	Technique	Merits	Demerits
1.	Heart Disease Prediction Using Machine Learning Techniques.	Herold Sylvestro Sipail Norulhusna Ahmad Norliza Mohd Noor	2021	Naïve Bayes, Bayesian Network and J48	Naïve Bayes and Bayesian Network has better estimated accuracy in Weka for the data set, while both Bayesian Network and J48 give useful insight with Weka generated visualization.	Dependencies exist among variables. Dependencies among these cannot be modelled by Naïve Bayesian Classifier.
2.	Machine Learning-Based Heart Patient Scanning, Visualization, and Monitoring.	Ahmed Al Ahdal Deepak Prashar Manik Rakhra Ankita Wadhawan	2021	KNN Decision Tree (DT), Logistic Regression, SVM, Random Forest (RF), and Naïve Bayes (NB).	Support Vector Machine algorithm is more robust.	Limitation of Support Vector Machine algorithm is slow.
3.	Visualization and Prediction of Heart Diseases Using Data Science Framework.	Vaibhav Gupta Vaibhav Aggarwal Shagun Gupta Neeti Sharma Kiran Sharma Neetu Sharma	2021	Logistic Regression, Random Forest, Vector Support and XG-Boost.	Random forest classifier will handle the missing values.	Random Forest algorithm is quite slow to create predictions.

Submitted by:

V J Bibin Francis