

Literature Survey

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S.No	TITLE	PROPOSED WORK	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
1	Performance Enhancement of Predictive Analytics for Health Informatics Using Dimensionality Reduction Techniques and Fusion Frameworks	<ul style="list-style-type: none"> • Different fusion frameworks have been proposed to process heterogeneous and high dimensional health informatics data to develop an efficient and reliable disease prediction system. • Multi source data fusion and Multi-modal feature fusion techniques are used 	<ul style="list-style-type: none"> • Machine Learning 	ML Algorithms can be extracted meaningful terms from Big-Data, several problems in clinical practice.
2	A Data Analytics Suite for Exploratory Predictive, and Visual Analysis of Type 2 Diabetes.	<ul style="list-style-type: none"> • The analytics suite consists of exploratory, predictive, and visual analytics with capabilities including multi-tier classification of T2D patient profiles that associate them to specific conditions, T2D related complication risk prediction. • The SVM model was validated via a 5-fold Cross-Validation 	<ul style="list-style-type: none"> • Data analytics 	T2D is safer and more beneficial for the patient as it will minimise side effects and offer faster, more effective treatment.

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3	Heart Disease Prediction using Machine Learning Techniques	<ul style="list-style-type: none"> • UCI Heart disease prediction consist of 14 different parameters related to Heart Disease. • Machine Learning algorithms such as Random Forest, Support Vector Machine (SVM), Naive Bayes and Decision tree have been used for the development of model. 	<ul style="list-style-type: none"> • Machine Learning 	Result shows that compared to other ML techniques, Random Forest gives more accuracy in less time for the prediction. This model can be helpful to the medical practitioners at their clinic as decision support system.
4	A Deep Prediction of Heart Disease by Employing Analytics Method	Study intends to establish efficacious process to identify chronic kidney diseases[CKD] as early and accurately as possible.	<ul style="list-style-type: none"> • Big data for healthcare, 	The ensemble method (voting classifier) is also used by altogether marching of all classifiers.

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5	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques	The hybrid approach is combination of random forest and linear method. The dataset and subsets of attributes were collected for prediction.	<ul style="list-style-type: none"> Machine Learning 	The accuracy of the data framing in this technology will be validated using classifiers.
6	Prediction of Heart Disease Using Machine Learning Algorithms	Machine Learning algorithms such as Random Forest, Support Vector Machine (SVM), Naive Bayes and Decision tree have been used for the development of model.	<ul style="list-style-type: none"> Machine Learning WEKA Tools Data mining 	The main Methodology used for prediction is Decision Trees like CART, C4.5, CHAID, J48, ID3 Algorithms, and Naive Bayes Techniques..

THANK YOU