S. NO	AUTHOR NAME	THEME	AREA OF ESTIMATION	ALGORITHM	RESULTS
1	B. Sumathy	A Liver Damage Prediction Using Partial Differential Segmentation with Improved Convolutional Neural Network	Predicting Liver diseases using different algorithm with improved accuracy	Deep transfer learning algorithms	To increase the accuracy of the classifier, hybrid classifier approaches may be used. It may be necessary for the liver tumor classification method to evaluate a more significant number of picture samples.
2	DavidNam,JuliusChapiro	Artificial intelligence in liver diseases: Improving diagnostics, prognostics and response prediction	Predicting Liver diseases using different algorithm with improved accuracy	ML/DL algorithms	At present, different AI approaches are required to process various types of clinical input data . Recently, there have been increasingly successful attempts to integrate multimodal data in non-medical fields,but such endeavours have not been systematically applied in a medical context beyond highly simplified laboratory conditions.
3	Nazmun Nahar and Ferdous Ara	LIVER DISEASE PREDICTION BY USING DIFFERENT DECISION TREE TECHNIQUES	Predicting Liver diseases using different algorithm with improved accuracy	Decision Tree Algorithm	In future, we will collect the very recent data from various regions across the world for liver disease diagnosis. The results of this study will encourage us to continue developing other advanced decision trees such as CART.

4	Dr. S. Vijayarani , Mr.S.Dhayanand	Liver Disease Prediction using SVM and Naïve Bayes Algorithms	Predicting Liver diseases using different algorithm with improved accuracy	SVM and Naïve Bayes Algorithms	From the experimental results, this work concludes, the SVM classifier is considered as a best algorithm because of its highest classification accuracy. On the other hand, while comparing the execution time, the Naïve Bayes classifier needs minimum execution time.
5	A.K.M Sazzadur Rahman, F. M. Javed Mehedi Shamrat, Zarrin Tasnim, Joy Roy, Syed Akhter Hossain	A Comparative Study On Liver Disease Prediction Using Supervised Machine Learning Algorithms	Predicting Liver diseases using different algorithm with improved accuracy	Supervised Machine Learning Algorithms	We just explored some popular supervised machine learning algorithms, more algorithms can be picked to assemble an increasingly precise model of liver disease prediction and performance can be progressively improved. Additionally, this work likewise ready to assume a significant role in health care research and just as restorative focuses to anticipate liver infection.
6	M. Banu Priya, P. Laura Juliet, P.R. Tamilselvi	Performance Analysis of Liver Disease Prediction Using Machine Learning Algorithms	Predicting Liver diseases using different algorithm with improved accuracy	Support Vector Machine, Random Forest	The method requires further improvement mostly regarding feature selection of the liver into multiple components: renal cortex, renal column, renal medulla and renal pelvis. Apart from that, it is planned to expand the database on which the system will be tested

7	Ain Najwa Arbain,Yushalinie Pillay Balakrishnan	A Comparison of Data Mining Algorithms for Liver Disease Prediction on Imbalanced Data	Predicting Liver diseases using different algorithm with improved accuracy	Data Mining; Classification, SAS Enterprise Miner	Due to insufficient data in the data set, Random Forest algorithm is overfitted and is not the most suitable algorithm in this research despite having a perfect result from the ROC chart. Future research could be done on utilizing oversampling method to the dataset to address this issue.
8	Md.Mohaimenul Islam, Chieh-Chen Wu	Applications of Machine Learning in Fatty Live Disease Prediction	Predicting Liver diseases using different algorithm with improved accuracy	Support Vector Machine (SVM), Artificial Neural Network (ANN), and Logistic Regression (RF)	This prediction outcome has the potential to help clinicians make more precise and meaningful decisions about fatty liver disease diagnosis and treatment.
9	PSM Keerthana	A Prediction Model of Detecting Liver Diseases in Patients using Logistic Regression of Machine Learning	Predicting Liver diseases using different algorithm with improved accuracy	Logistic Regression, Machine Learning, Confusion Matrix, Cross-Validation	Liver disease owing to its subtle symptoms remains obscure and hence leading to an onerous diagnosis, often the symptoms become apparent when it is too late. Therefore, an endeavour is made for the forecast of liver sickness in patients utilizing machine learning techniques. In this paper, we thus used the Machine Learning method of Logistic Regression to predict liver disease in patients.

10	Md Irfan	Prediction of Liver Disease using Classification Algorithms	Predicting Liver diseases using different algorithm with improved accuracy	Classification Algorithms	The algorithms used for this purpose of work is Logistic Regression, K-Nearest Neighbour and Support Vector Machines. Accuracy score and confusion matrix is used to compare this classification algorithm.