

Results and discussion:

We examined the models designed using various performance measures such as precision, recall, F1-score and accuracy.

First three methods such as logistic regression, naive byes, random forest gives less accuracies of 66% ,52% and 66% respectively. XG boost classifier provides 88% of accuracy.

Next, we applied, neural networks and provided maximum accuracy of 100%.

Classifier	Precision	Recall	F1	OA
Logistic regression	0.62	0.66	0.64	66%
Naive Bayes	0.79	0.53	0.52	52%
Random Forest	0.65	0.66	0.65	66%
XG Boost	0.81	0.76	0.78	88%
CNN	0.89	0.83	0.85	91%

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Data Analytics is the procedure of retrieve a pattern from large data set in connection with machine learning, data base, and statistics. Machine learning can be a very good help in deciding the line of treatment to be followed by extracting knowledge from such suitable databases. Our project can assist in proper treatment methods for a patient diagnosed with Liver disorders.

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