Source of Dataset: Kaggle.com

The Model Predicts through certain criterion that whether the patient is a liver patient or not. Here, the model is trained with **Random Forest Classifier**. In the dataset, the column **is_patient** says whether the patient is liver patient or not. If it is 1, the patient is a liver patient or else not. This would be very handy for the doctors as well as any guy who wants to know if he is a liver patient by seeing his reports.

Firstly, the libraries (numpy and pandas) are all imported in which some work would be done. Then, the dataset is imported from which the classifications will be done. Also checked the contents using df.head(). Viewing the entire dataset, by observation it is found that the dataset is clean and there is no need of pre-processing the data.

Secondly, found out the correlation using correlation matrix. It is found that none of them have a huge dependency on the results. So, considered all the parameters.

Thirdly, assigned all the Predictors in a variable and the results in another variable and then train-test-split is done.

Fourthly, the model is trained with Random Forest Classifier and then we have the predictions with us.

Lastly, find the accuracy of the model using the test set we got from the train-test-split.