| TEAM ID         | PNT2022TMID04216  |
|-----------------|---|
|                 |   |
| PROJECT<br>NAME | Statistical Machine Learning Approaches to Liver Disease Prediction |

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## **MODEL Evaluation**

Finally, we need to check to see how well our model is performing on the test data. Evaluation Metrics:

accuracy\_score of SVM is

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# Checking for accuracy score from actual data and predicted data

SVMaccuracy=accuracy_score(SVMpred, ytest)

SVMaccuracy

0.7606837606837606
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As we can see that the accuracy\_score of the Support vector machine is higher compare to KNN and Random forest algorithms, we are proceeding with the support vector machine model.