TEAM ID	PNT2022TMID04216
PROJECT NAME	Statistical Machine Learning Approaches to Liver Disease Prediction

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Save The Model

After building the model we have to save the model.

Pickle is used for serializing and de-serializing Python object structures, also called marshalling or flattening. Serialization refers to the process of converting an object in memory to a byte stream that can be stored on disk or sent over a network. Later on, this character stream can then be retrieved and de-serialized back to a Python object.

This is done by the below code

```
# saving the model
import pickle
pickle.dump(svm, open('liver_analysis.pkl','wb'))
```

Here, svm is our Support Vector Machine Classification class, saving as liver_analysis.pkl file. Wb is the write binary in bytes.

Steps to Save The Model

- model.fit(X_tíain,Y_tíain)
- #savethemodeltodisk.
- filename='finalized_model.sav'
- pickle. dump (model, open (filename, 'wb'))
- #loadthemodelfíomdisk.
- **loaded_model = pickle.load(open(filename, 'rb'))**
- **result = loaded_model.score(X_test, Y_test)**