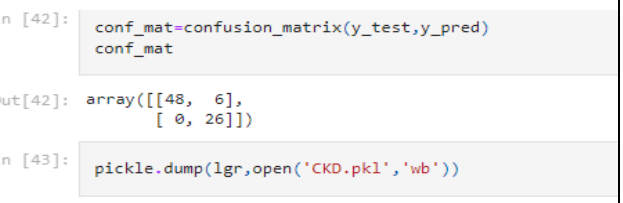
Project Development Phase
Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID21290
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Regression Model:** MAE , MSE , RMSE , R2 score	Since our's is a regression model we have used R2 score metrics. 
2.	Tune the Model	Hyperparameter Tuning	Hyperparameters in Machine learning are those parameters that are explicitly defined by the user to control the learning process. One such important parameter used for hyper parameter tuning is n_estimators. In our model also we have used n_estimators for hyperparameter tuning. 

```
In [42]: conf_mat=confusion_matrix(y_test,y_pred)
         conf_mat

Out[42]: array([[48,  6],
                [ 0, 26]])

In [43]: pickle.dump(lgr,open('CKD.pkl','wb'))
```