

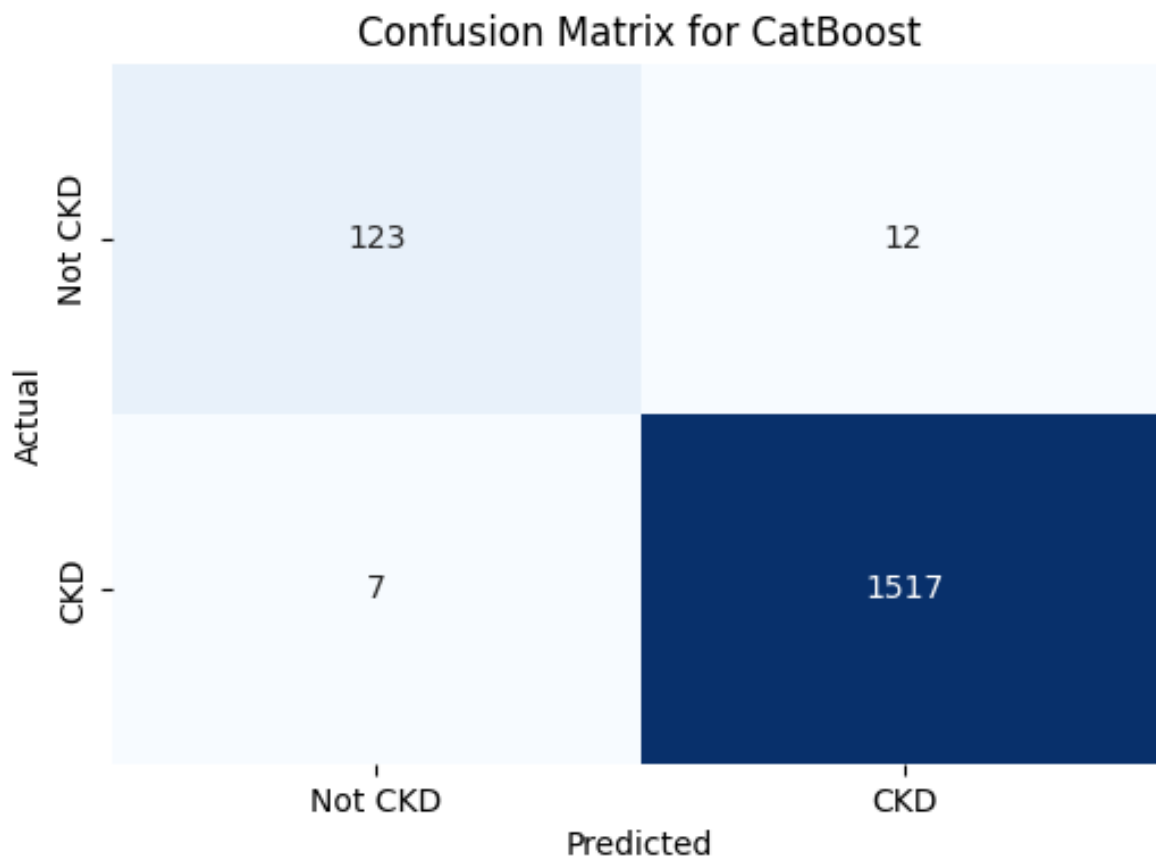
# Model Performance Report

## Evaluation Metrics

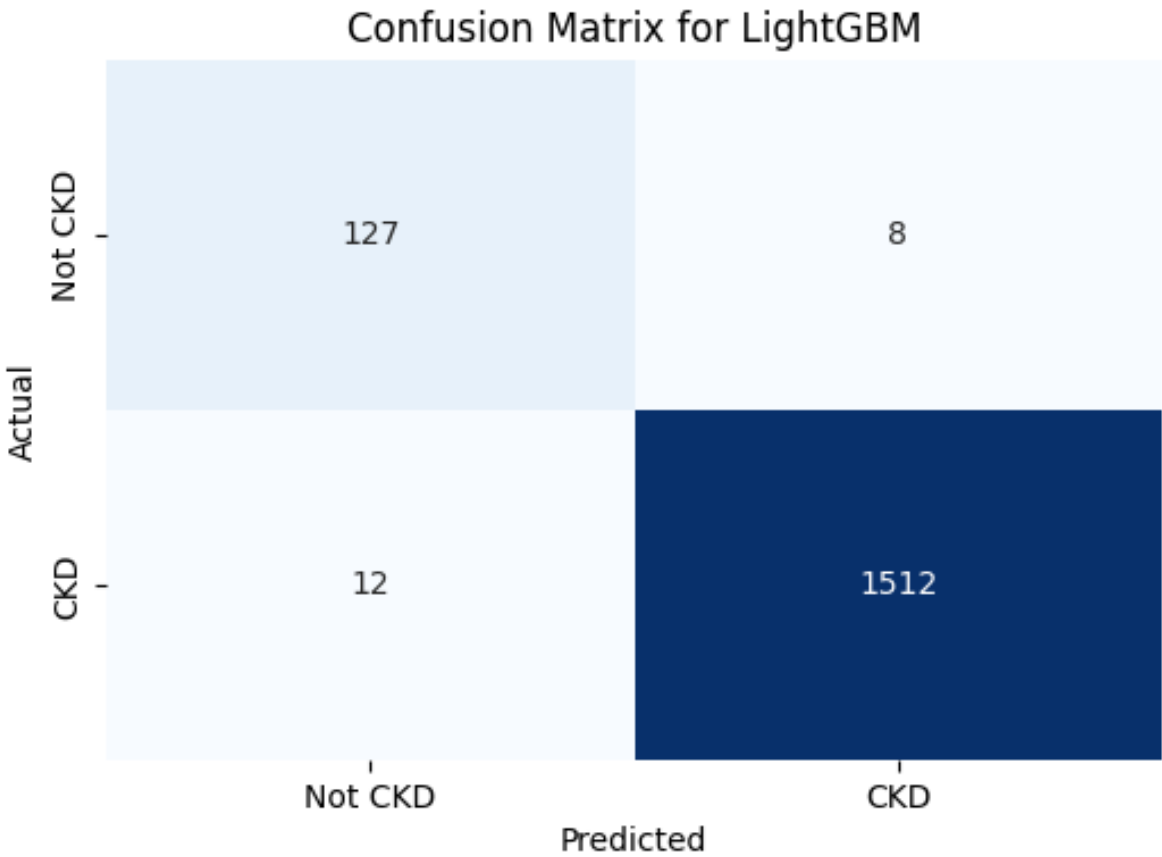
Model	Accuracy	Precision	Recall	F1 Score
XGBoost	0.9879445449065702	0.9940867279894876	0.9927821522309712	0.9934340118187788
CatBoost	0.9885473176612416	0.9921517331589274	0.9954068241469816	0.9937766131673764
LightGBM	0.9879445449065702	0.9947368421052633	0.9921259842519684	0.9934296977660972
RandomForest	0.9915611814345991	0.9967105263157896	0.9940944881889764	0.995400788436268
LSVM	0.807715491259795	0.9800796812749004	0.8070866141732284	0.8852105073767542
DNN	0.9873417721518988	1.0	0.9862204724409448	0.9930624380574826
LogisticRegression	0.8161543098251959	0.9772905246671888	0.8188976377952756	0.891110317743663
KNN	0.5756479807112719	1.0	0.5380577427821522	0.6996587030716723
GradientBoosting	0.9746835443037974	0.9830508474576272	0.989501312335958	0.9862655330281228
NaiveBayes	0.8221820373719108	0.9521707137601176	0.8490813648293963	0.8976760319112036

## Confusion Matrices

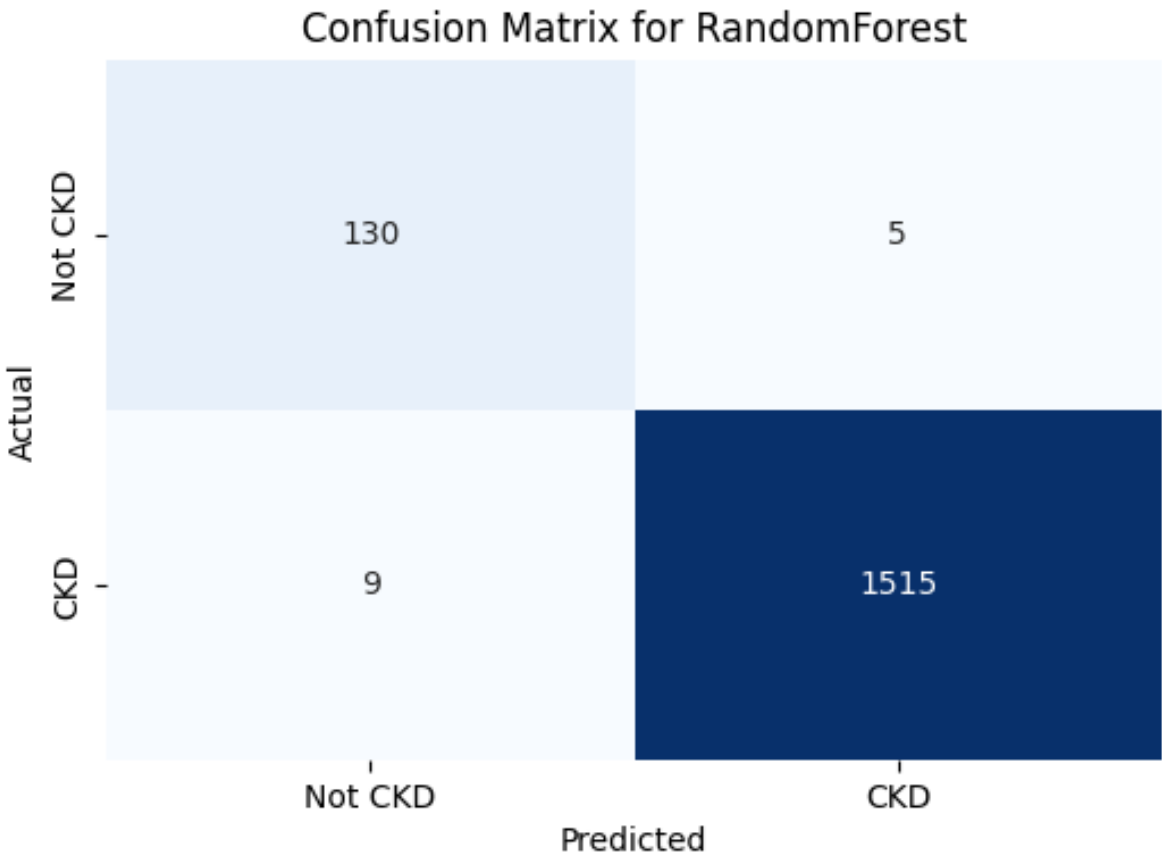
## CatBoost Confusion Matrix



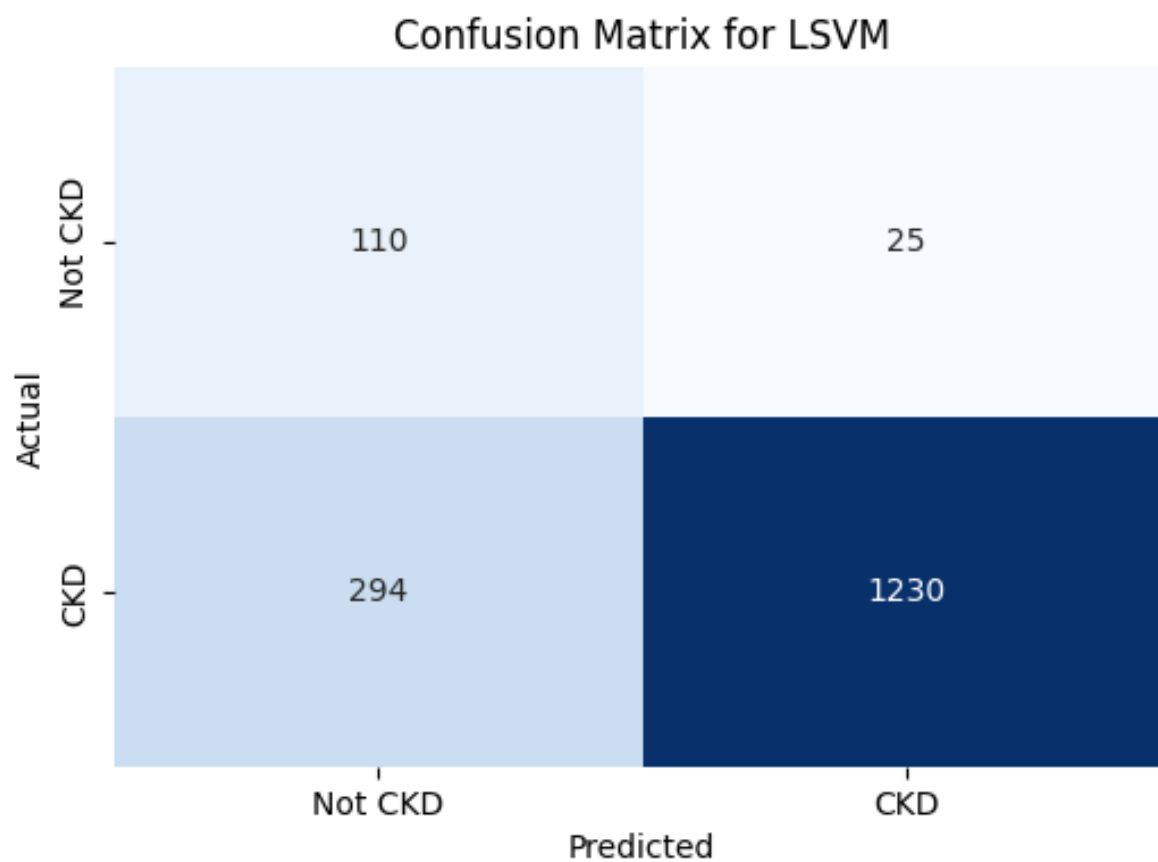
LightGBM Confusion Matrix



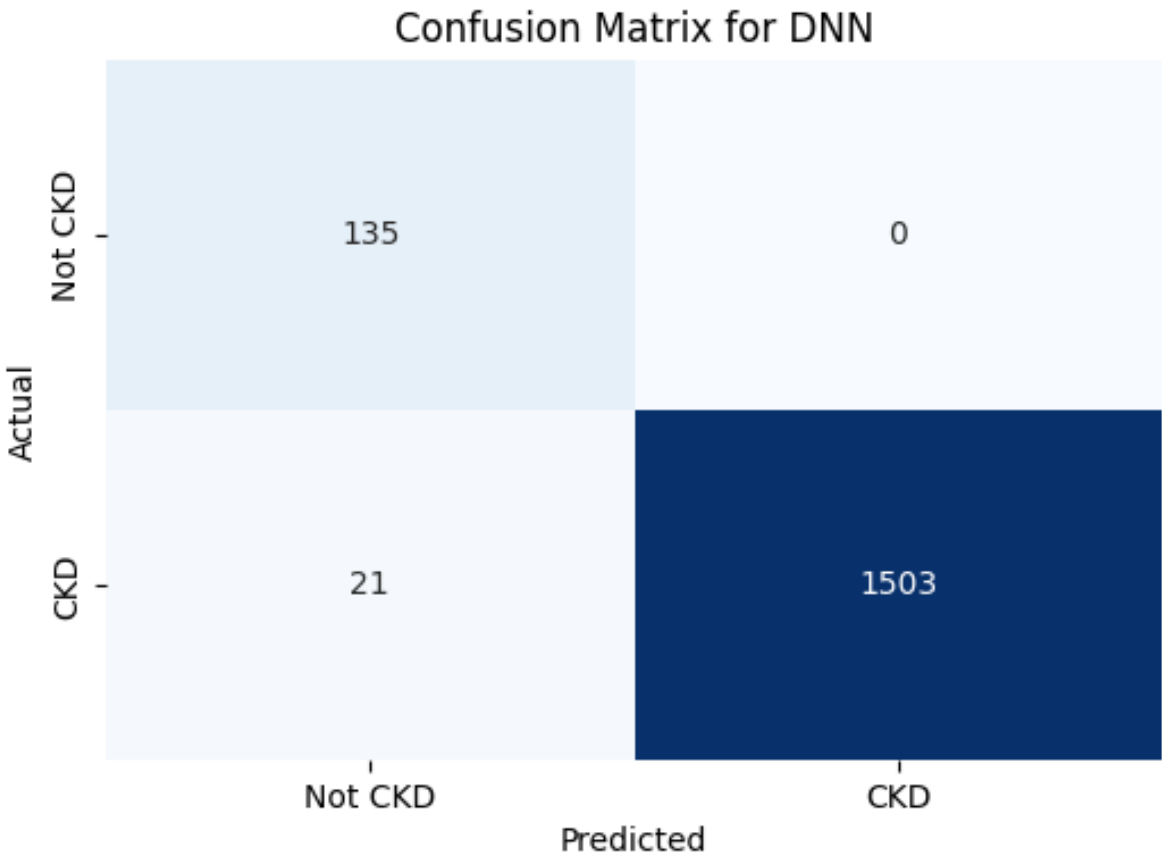
RandomForest Confusion Matrix



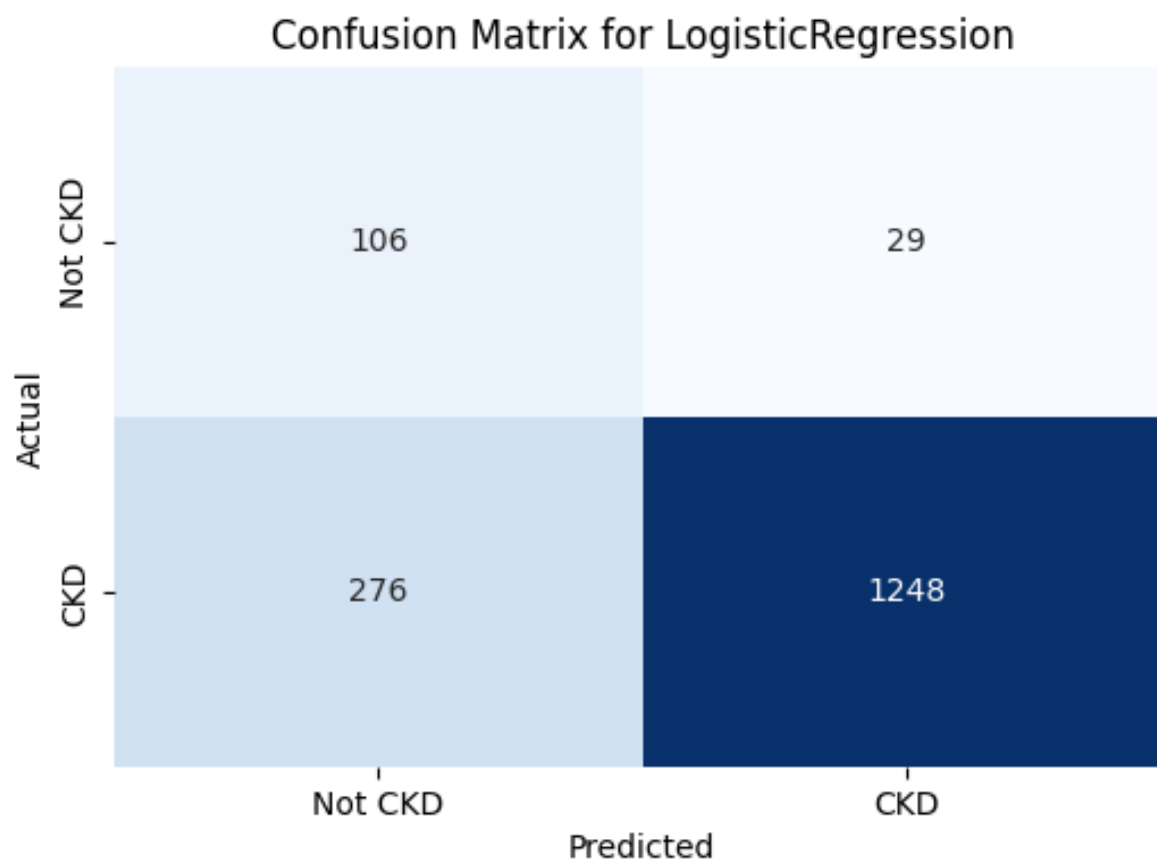
## LSVM Confusion Matrix



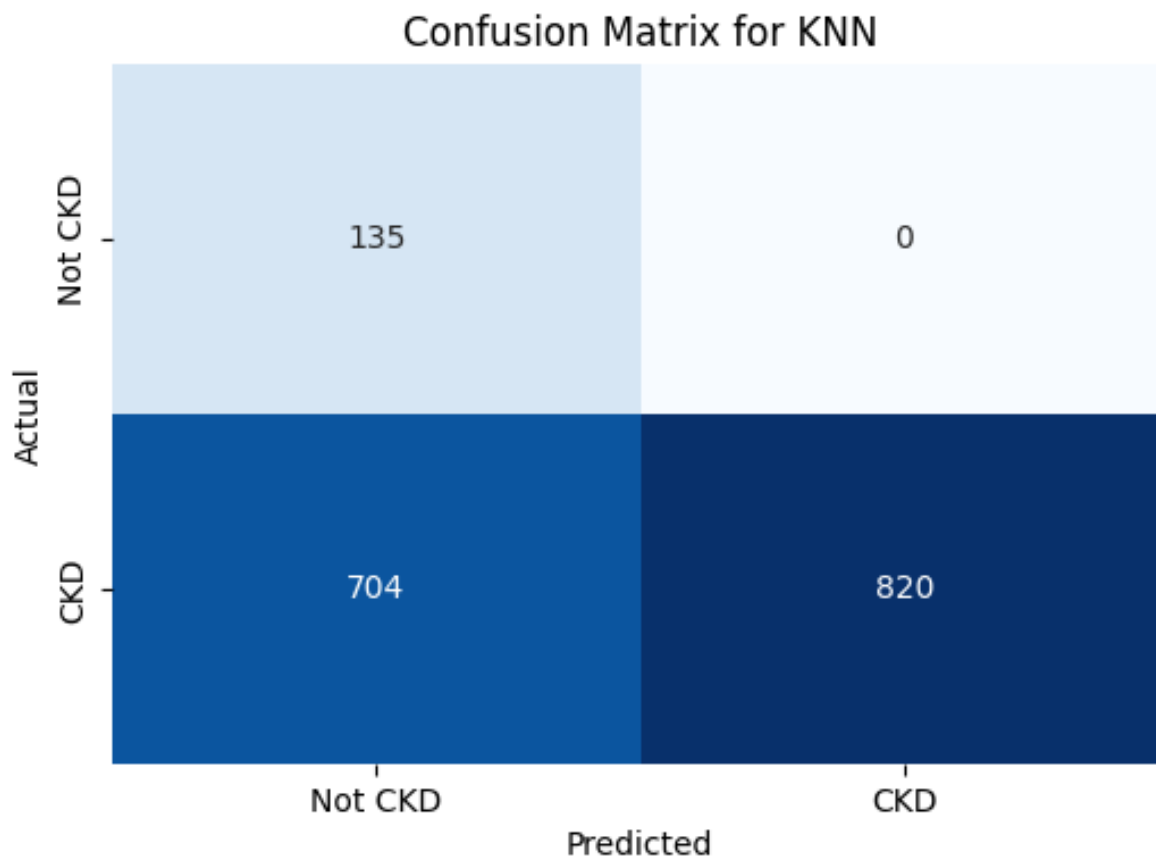
DNN Confusion Matrix



## LogisticRegression Confusion Matrix

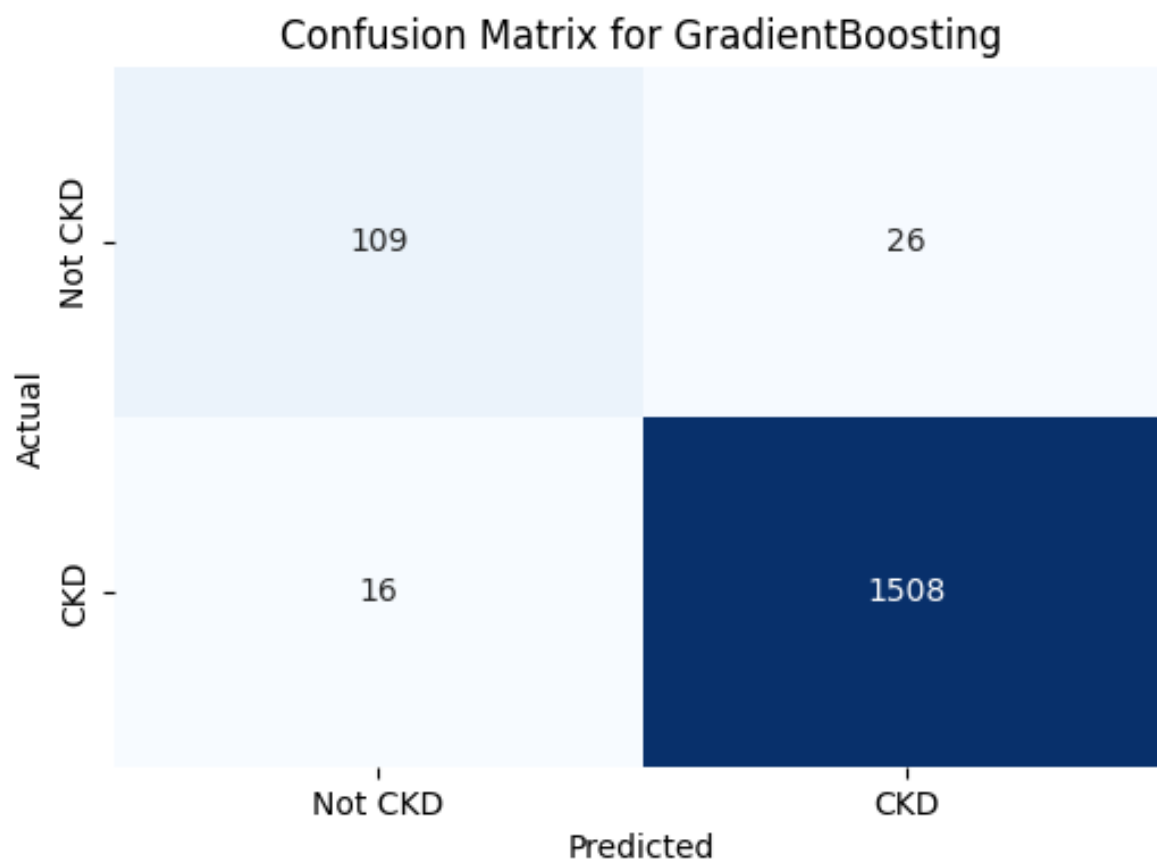


## KNN Confusion Matrix





## GradientBoosting Confusion Matrix



## NaiveBayes Confusion Matrix

