## Project Development Phase Model Performance Test

Date	10 November 2022		
Team ID	PNT2022TMID15455		
Project Name	Project – Early Detection of Chronic Kidney Disease using		
	Machine Learning		
Maximum Marks	10 Marks		

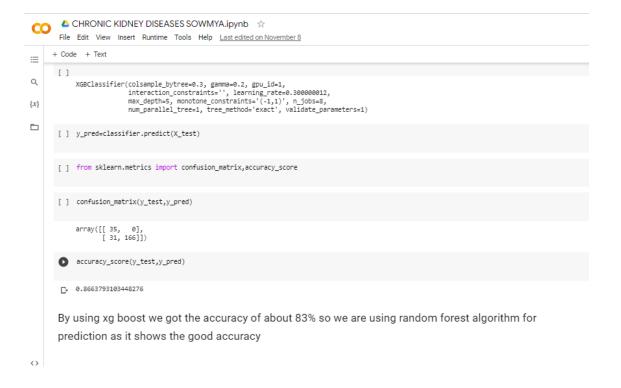
# **Model Performance Testing:**

S.No	Parameter	Values	Screenshot
1.	Metrics	Classification Model: Accuracy Score- & Classification Report	XGBoost Algorithm, Random Forest Algorithm.
2.	Tune the model	Hyperparameter Tuning Validation method	Confusion Matrix

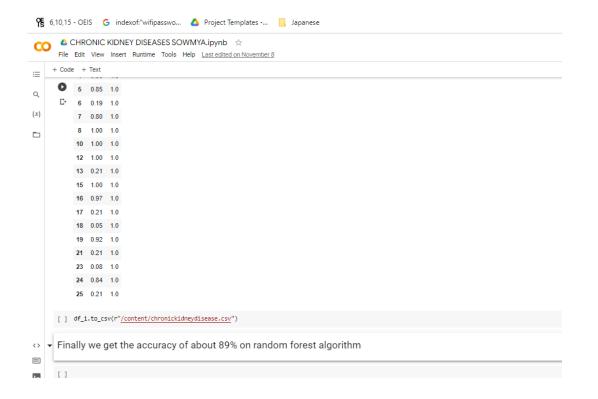
The screenshots are provided below for the above-mentioned table.

#### 1. Metrics

## **Model: XGBoost Algorithm**



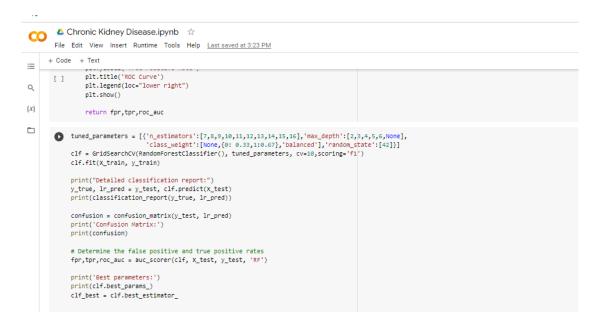
#### **Model: Random Forest**



### 2.Tune the model:

Confusion matrix of tuned hyperparameters is used for validation methods.

## **Hyperparameter Tuning:**



#### Validation method:

