# **Project Development Phase Model Performance Test**

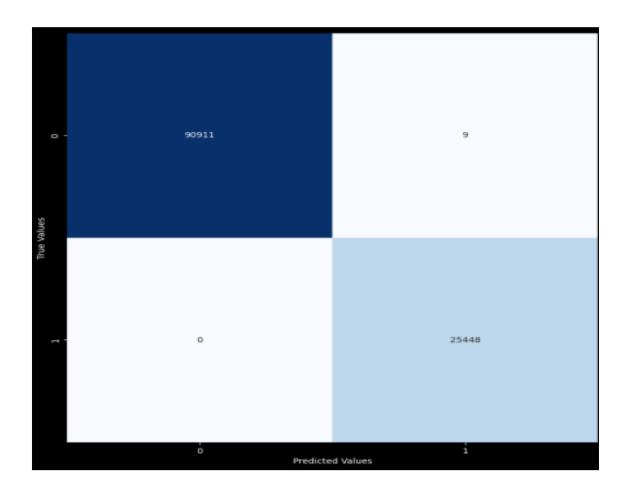
Date	19 November 2022	
Team ID	PNT2022TMID44240	
Project Name	Project -	
	"EXPLORATORY ANALYSIS OF	
	RAIN FALL DATA IN INDIA FOR	
	AGRICULTURE"	
Maximum Marks	10 Marks	

### **Model Performance Testing:**

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model:  MAE - , MSE - , RMSE - ,  R2 score -  Classification Model:  Confusion Matrix - ,  Accuray Score- &  Classification Report -	Below Mentioned
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	Below Mentioned

### 1. METRICS

## a) Confusion Matrix



### b) Classfication Report

support	f1-score	recall	precision	
90911	1.00	1.00	1.00	No
25457	1.00	1.00	1.00	Yes
116368	1.00			accuracy
116368	1.00	1.00	1.00	macro avg
116368	1.00	1.00	1.00	weighted avg

#### 2. TUNE THE MODEL

### a) Hyperparameter Tuning