Project Development Phase Model Performance Test

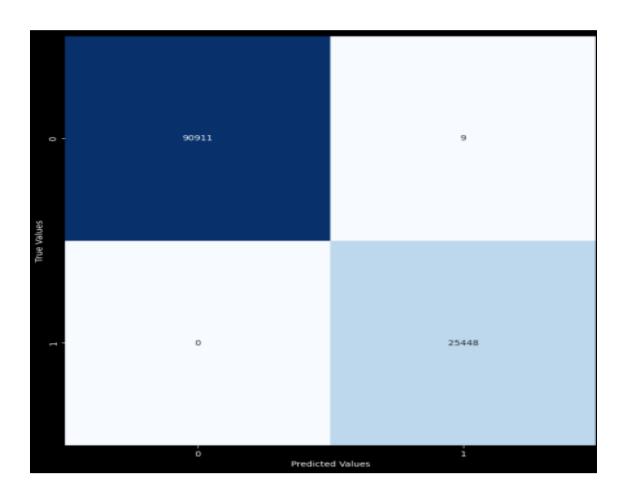
Date	19 November 2022		
Team ID	PNT2022TMID46353		
Project Name			
	"EXPLORATORY ANALYSIS OF		
	RAIN FALL DATA IN INDIA FOR		
	AGRICULTURE"		
Maximum Marks	10 Marks		

Model Performance Testing:

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

1. METRICS

a) Confusion Matrix



b) Classfication Report

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

2. TUNE THE MODEL

a) Hyperparameter Tuning