	Validation Cot.	Tuned Hyperparams			Accuracy	AUROC	Precision	Recall	F-Score		Train Time (seconds	,
aive Bayes	Yes	Yes	Yes		0.980859	0.90879	0.067579	0.836469	0.13458	0.108276	0.060589 No	
gistic Regression			Yes		0.999245		0.764969		0.78351	0.746327	1.8793 Yes	
ecision Tree			Yes		0.999245		0.764969		0.76351			
andom Forest			Yes		0.999469		0.881395		0.84078	0.83128		
lagging			Yes		0.9995		0.94534	0.766547	0.845739	0.82648		
Boosting			Yes		0.99943		0.89287	0.79279	0.82531	0.823639		
SVM			Yes		0.99891	0.70829	0.8948		0.56758	0.648438		
Neural Network			Yes		0.999274		0.766185		0.79177	0.75791		
cural retwork	100		100		0.000214	0.040121	0.700100	0.022000	0.70177	0.70701	101.420	7 103
			AUROC	Precision			Average Precision					
	Naive Bayes	0.980859					0.108276					
	SVM	0.99891	0.70829				0.648438					
	Decision Tree	0.998929					0.6773					
	Logistic Regress						0.746327					
	Neural Network	0.999274					0.75791					
	Boosting	0.99943					0.823639					
	Random Forest	0.999469	0.902309	0.881395	0.80481	0.84078	0.83128					
	Bagging	0.9995	0.88323	0.94534		0.845739 rd Fraud Cla	0.82648 assification R	Results				
			0.88323	0.94534				Results			ccuracy	
		0.9995	0.88323	0.94534				Results		AL	JROC	
		0.9995	0.88323	0.94534				Results		AL		
		0.9995	0.88323	0.94534				Results		AL	JROC –	
		0.9995	0.88323	0.94534				Results		■ AU ■ Pr ■ Re	JROC –	
		0.9995	0.88323	0.94534				Results	Ī	All Pr	JROC recision ecall	
		0.9995	0.88323	0.94534				Results		All Pr	JROC recision recall	
		0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
		0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	1.25	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	1.25	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	1.25	0.88323	0.94534				Results		All Pr	JROC recision ecall	
		0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	1.25	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995 1.25 0.75 0.5	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995 1.25 0.75 0.5	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995 1.25 0.75 0.5	0.88323	0.94534				Results		All Pr	JROC recision ecall	
	Bagging	0.9995 1.25 0.75 0.5	0.88323	0.94534				Results		All Pr	JROC recision ecall	

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