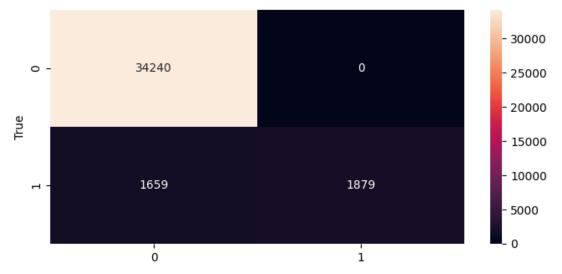
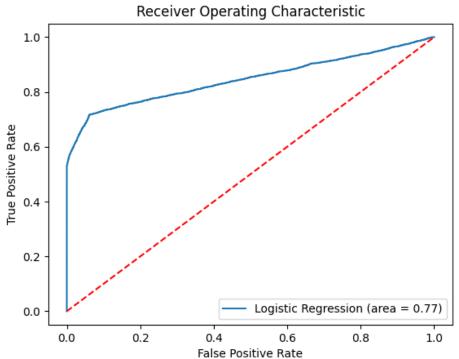
E-commerce Fraud Detection Ai Models metrics

1.Fraud Ecommerce

Model	Precision	Recall	F1-score	support	Train	Test
	Weighted	Weighted	Weighted		accuracy	accuracy
	avg	avg	avg			
Logistic	0.958	0.956	0.949	0- 34240	0.9568	0.9561
Regression						
_				1- 3538		



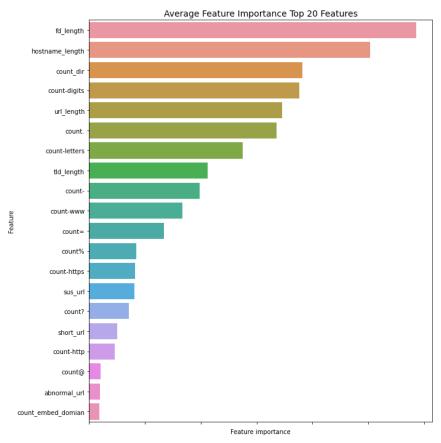


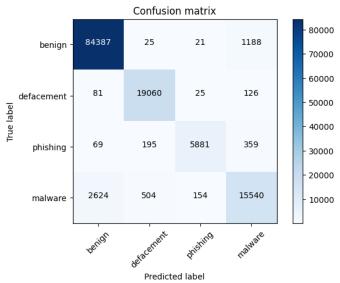
2.Bots Detection

		Model		Precisio mean		Recall on mean	F1-score on mean	Accuracy on mean		
	Logistic Regression		0.80		0.80	0.80	0.80442			
-	KNeighborsClassifier		0.84		0.84	0.84	0.84			
	DecisionTree Classifier		0.8202		0.8201	0.816	0.82			
	RandomForestClassifier		0.87		0.87	0.87	0.87	_		
	XG	BClassifi	er	0.87		0.87	0.87	0.87		
	Model: Decision	TreeClassifier		Model: Logistic	Regression		Model: KN	leighborsClassifier		
True label	21454	3559	- 20000 - 17500 0 - - 15000	21508	3505	- 20000 - 17500 - 15000	0 - 22976 B	2037	- 22 - 20 - 17 - 15	
	3248	9177	- 12500	3817	8608	- 12500 - 10000 - 7500 - 5000	1- 3922	8503	- 12 - 10 - 75 - 50	
	Predicted			0	, , , , , , , , , , , , , , , , , , ,		0	, , , , , , , , , , , , , , , , , , ,	- 25	
Model: RandomForestClassifier				Predicted label ROC Curve Bots detection Models						
	g - 23404	1609	- 20000 - 17500 - 15000	1.0 -		NOC CUIVE I	outs detection models			
True label	1 - 3170	9255	- 12500 - 10000 - 7500 - 5000	0.8						
	Predic	√ cted label	Ve Rate	0.6			property.			
Model: XGBClassifier			The Positive Rate				process.			
True label	23313	1700	- 22500 E - 20000 - 17500 - 15000	0.4	/ _/	and the second				
	3035	9390	- 12500 - 10000 - 7500 - 5000	0.0	0.2	0.4	0.6	KNeighborsClassifier (area = 0. LogisticRegression (area = 0.7 DecisionTreeClassifier (area = RandomForestClassifier (area = XGBClassifier (area = 0.93)	74) : 0.80	
l	0	, , , , , , , , , , , , , , , , , , ,	- 2500			Fals	e Positive Rate			

3. Malicious URL Detection

Model	Precision	Recall	F1-score	Accuracy on	
	on mean	on mean	on mean	mean	
LGBMClassifier	0.96	0.96	0.96	0.959	
XGBClassifier	0.96	0.96	0.96	0.962	
GradientBoostingClassifier	0.94	0.94	0.93	0.936	





4.Content moderation

Model	Precision on mean	Recall on mean	F1-score on mean	Accuracy on mean
Logistic Regression	0.93	0.95	0.94	0.95
SVC	0.91	0.95	0.93	0.95
RandomForestClassifier	0.95	0.95	0.93	0.95
XGBClassifier	0.95	0.96	0.94	0.96

