Model	Strategy	Recall of Fraud	F1 Score	ROC Score	Accuracy	test_confusion
logistic regression	notscaled unbalanced data	0.68	0.65	0.84	1.0	[[85233 59] [ 49 102]]
logistic regression	notscaled balanced data	0.89	0.08	0.93	0.96	[[82248 3044] [ 16 135]]
logistic regression	scaled unbalanced data	0.62	0.72	0.81	1.0	[[85275 17] [ 57 94]]
logistic regression	scaled balanced data	0.91	0.08	0.93	0.96	[[82051 3241] [ 14 137]]
Elastic	scaled balanced data	0.91	0.09	0.94	0.97	[[82530 2762] [ 14 137]]
Lasso	scaled balanced data	0.91	0.08	0.94	0.96	[[82169 3123] [ 14 137]]
KNN	scaled balanced data	0.87	0.12	0.92	0.98	[[83416 1876] [ 20 131]]
GaussionNB	scaled balanced data	0.85	0.07	0.91	0.96	[[82107 3185] [ 22 129]]
Decisiontree	scaled balanced data	0.87	0.03	0.89	0.9	[[76778 8514] [ 19 132]]
Randomforest classifier	scaled balanced data	0.9	0.1	0.94	0.97	[[82986 2306] [ 15 136]]
Decisiontree classifier - Tuned(gridsearch)	scaled balanced data	0.93	0.02	0.88	0.83	[[71033 14259] [ 11 140]]
Randomforest classifier - Tuned(gridsearch)	scaled balanced data	0.88	0.13	0.93	0.98	[[83553 1739] [ 18 133]]
Decisiontree classifier - Tuned(random gridsearch)	scaled balanced data	0.92	0.04	0.92	0.92	[[78121 7171] [ 12 139]]
Randomforest classifier - Tuned(random gridsearch)	scaled balanced data	0.87	0.22	0.93	0.99	[[84395 897] [ 20 131]]
Ada boost	scaled balanced data	0.9	0.06	0.92	0.95	[[80886 4406] [ 15 136]]
gradient boost	scaled balanced data	0.89	0.08	0.93	0.96	[[82251 3041] [ 16 135]]
xbg boost	scaled balanced data	0.91	0.07	0.93	0.96	[[81606 3686] [ 14 137]]
votingclassifier1(DT,DT,XBG)	scaled balanced data	0.9	0.1	0.94	0.97	[[82910 2382] [ 15 136]]
votingclassifier2(DT,DT,DT)	scaled balanced data	0.82	0.19	0.9	0.99	[[84242 1050] [ 27 124]]
votingclassifier3(DT,LR,LR(elastic))	scaled balanced data	0.89	0.1	0.93	0.97	[[82931 2361] [ 16 135]]
votingclassifier4(LR(elastic),DT1,DT2)	scaled balanced data	0.87	0.14	0.93	0.98	[[83634 1658] [ 19 132]]
stacking-classifier3(DT,LG,XBG,adaLR-E)	scaled balanced data	0.9	0.09	0.93	0.97	[[82398 2894] [ 15 136]]
stacking-classifier2(DT,LRLR-E)	scaled balanced data	0.9	0.07	0.93	0.96	[[81942 3350] [ 15 136]]
stacking-classifier1(LR(I1),LR,LR(EN)LR(EN))	scaled balanced data	0.91	0.08	0.94	0.96	[[82218 3074] [ 14 137]]
stacking-classifier(best stacking and voting LR)	scaled balanced data	0.9	0.08	0.93	0.97	[[82355 2937] [ 15 136]]
votingclassifier1(DT,DT,XBG)	scaled balanced data	0.87	0.08	0.92	0.97	[[82439 2853] [ 19 132]]