



ML PROJECT

TRANSPORT DATA ANALYSIS

Abstract

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.
When you're ready to add your content, just click here and start typing.]

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Problem 1

Problem Statement:

You work for an office transport company. You are in discussions with ABC Consulting company for providing transport for their employees. For this purpose, you are tasked with understanding how do the employees of ABC Consulting prefer to commute presently (between home and office). Based on the parameters like age, salary, work experience etc. given in the data set 'Transport.csv', you are required to predict the preferred mode of transport. The project requires you to build several Machine Learning models and compare them so that the model can be finalized.

Data Dictionary

Age : Age of the Employee in Years

Gender : Gender of the Employee

Engineer : For Engineer =1 , Non Engineer =0

MBA : For MBA =1 , Non MBA =0

Work Exp : Experience in years

Salary : Salary in Lakhs per Annum

Distance : Distance in Kms from Home to Office

license : If Employee has Driving License -1, If not, then 0

Transport : Mode of Transport

Objectives:

The objective is to build various Machine Learning models on this data set and based on the accuracy metrics decide which model is to be finalized for finally predicting the mode of transport chosen by the employee.

1.1 Basic data summary, Univariate, Bivariate analysis, graphs, checking correlations, outliers and missing values treatment (if necessary) and check the basic descriptive statistics of the dataset.

Loading packages and dataset,

Data sample or data head

	Age	Gender	Engineer	MBA	Work Exp	Salary	Distance	license	Transport
0	28	Male	0	0	4	14.3	3.2	0	Public Transport
1	23	Female	1	0	4	8.3	3.3	0	Public Transport
2	29	Male	1	0	7	13.4	4.1	0	Public Transport
3	28	Female	1	1	5	13.4	4.5	0	Public Transport
4	27	Male	1	0	4	13.4	4.6	0	Public Transport

Checking data info of data :

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 444 entries, 0 to 443
Data columns (total 9 columns):
#   Column      Non-Null Count  Dtype
---  ---
0   Age         444 non-null    int64
1   Gender      444 non-null    object
2   Engineer    444 non-null    int64
3   MBA         444 non-null    int64
4   Work Exp    444 non-null    int64
5   Salary      444 non-null    float64
6   Distance    444 non-null    float64
7   license     444 non-null    int64
8   Transport   444 non-null    object
dtypes: float64(2), int64(5), object(2)
memory usage: 31.3+ KB
```

Observation:

dataset contain 444 entries and 9 columns.

Null value is not present in dataset

dtypes: float64(2), int64(5), object(2)
memory usage: 31.3+ KB

Describing dataset:

	count	mean	std	min	25%	50%	75%	max
Age	444.0	27.747748	4.416710	18.0	25.0	27.0	30.000	43.0
Engineer	444.0	0.754505	0.430866	0.0	1.0	1.0	1.000	1.0
MBA	444.0	0.252252	0.434795	0.0	0.0	0.0	1.000	1.0
Work Exp	444.0	6.299550	5.112098	0.0	3.0	5.0	8.000	24.0
Salary	444.0	16.238739	10.453851	6.5	9.8	13.6	15.725	57.0
Distance	444.0	11.323198	3.606149	3.2	8.8	11.0	13.425	23.4
license	444.0	0.234234	0.423997	0.0	0.0	0.0	0.000	1.0

The employee who are using transport average age is 28 years, minimum age is 18 and maximum age is 43 year

Employee who are using transport having work experience average is 6 year, and minimum

Fresher using less transport, employee who have work exp 24 are using transport facility more.

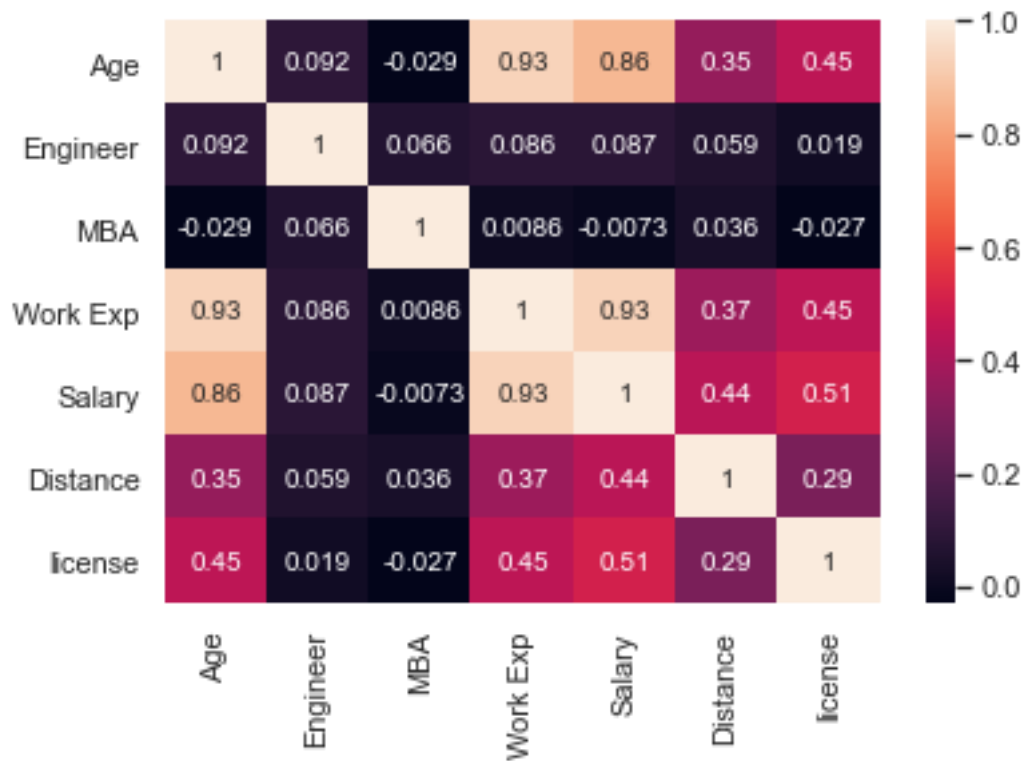
Employee using transport having average salary 16lpa.

Average distance travelled by employee is 11km.

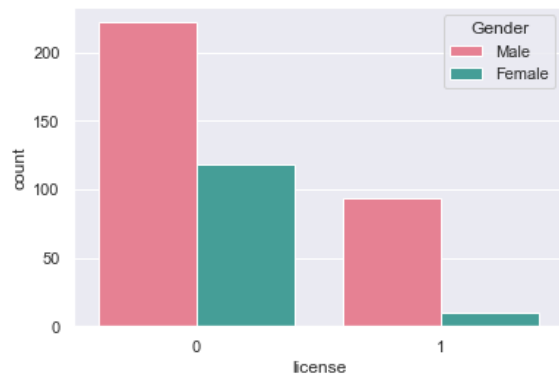
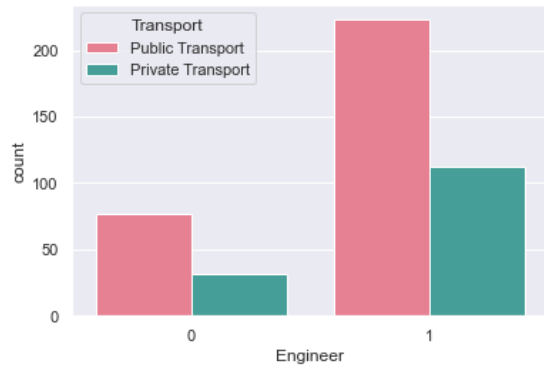
Maximum employee have driving license.

Checking Correlation :

	Age	Engineer	MBA	Work Exp	Salary	Distance	license
Age	1.000000	0.091935	-0.029090	0.932236	0.860673	0.352872	0.452311
Engineer	0.091935	1.000000	0.068218	0.085729	0.086762	0.059316	0.018924
MBA	-0.029090	0.068218	1.000000	0.008582	-0.007270	0.036427	-0.027358
Work Exp	0.932236	0.085729	0.008582	1.000000	0.931974	0.372735	0.452887
Salary	0.860673	0.086762	-0.007270	0.931974	1.000000	0.442359	0.508095
Distance	0.352872	0.059316	0.036427	0.372735	0.442359	1.000000	0.290084
license	0.452311	0.018924	-0.027358	0.452887	0.508095	0.290084	1.000000



As we can see, there is a very high positive correlation between Work Exp. and Age as well as Work Exp. and Salary. The same shall be dealt later on.

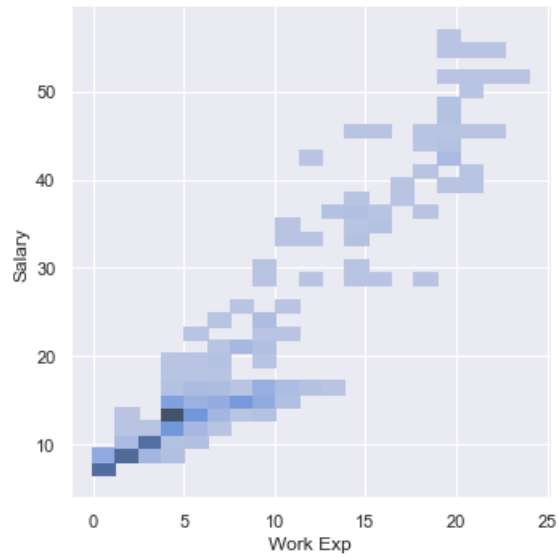


Engineer employee using public transport more

Male employee uses public transport more.

Most of Male employee do not have licenses, they are using public transport.

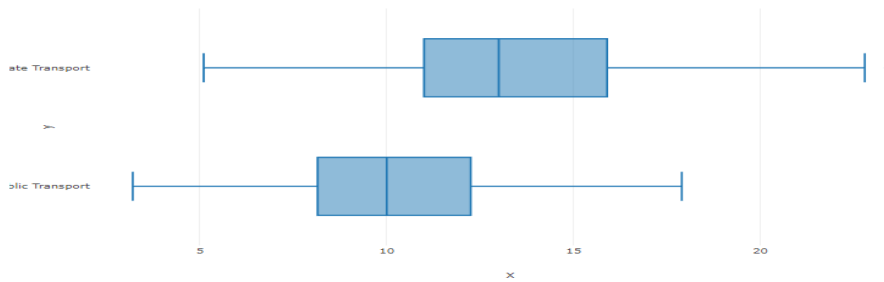
Employee having MBA uses the public transport, and they have no license.



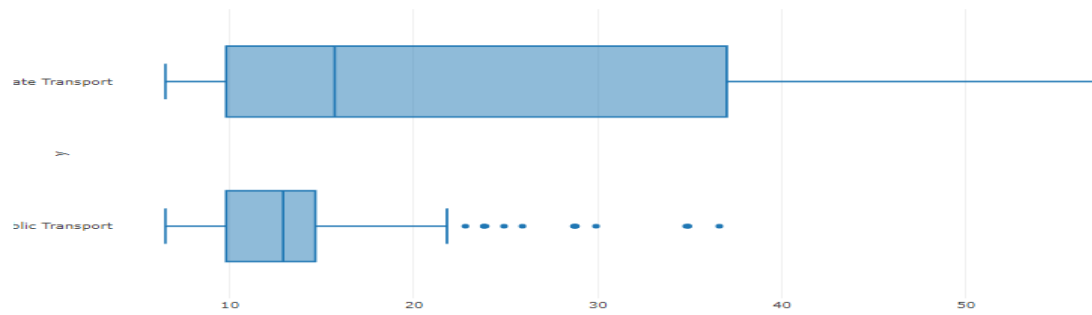
Employee having less exp , earning less. Salary increases as experience increases.

#Box Plot

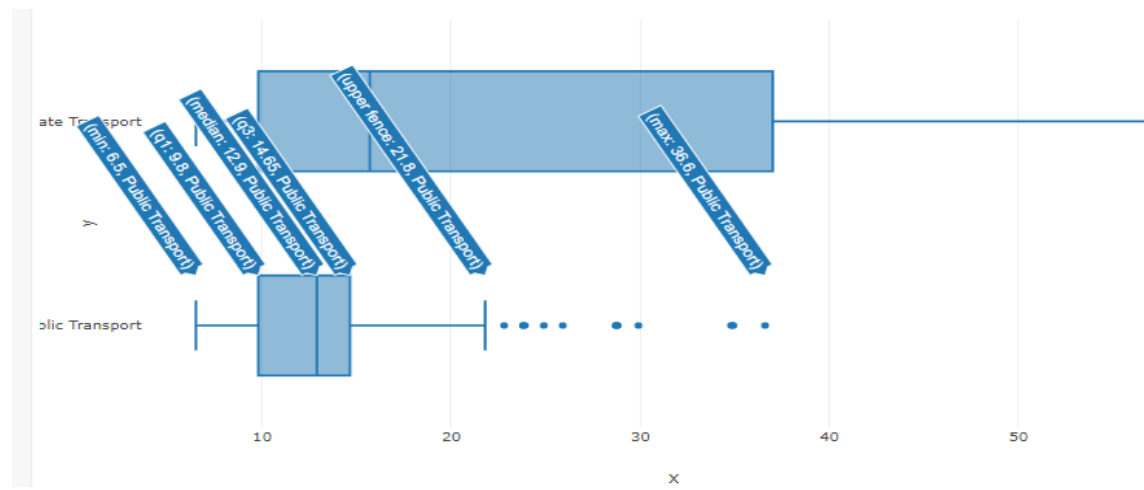
Distance



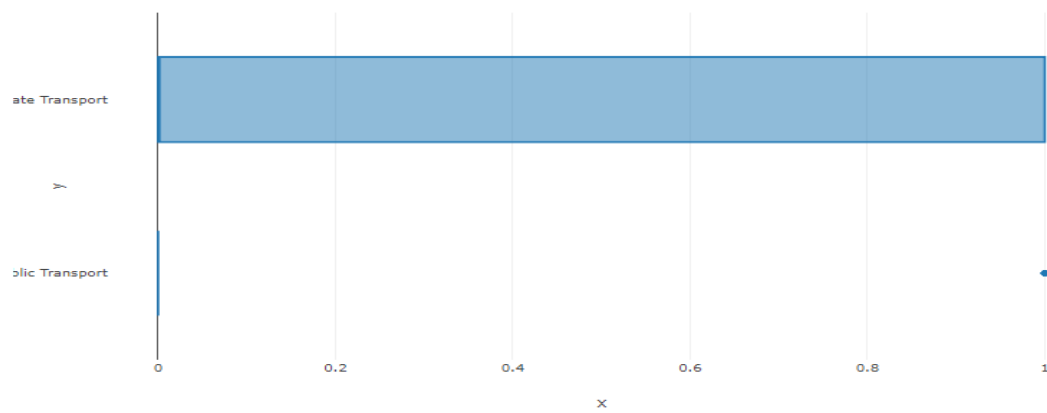
SALARY



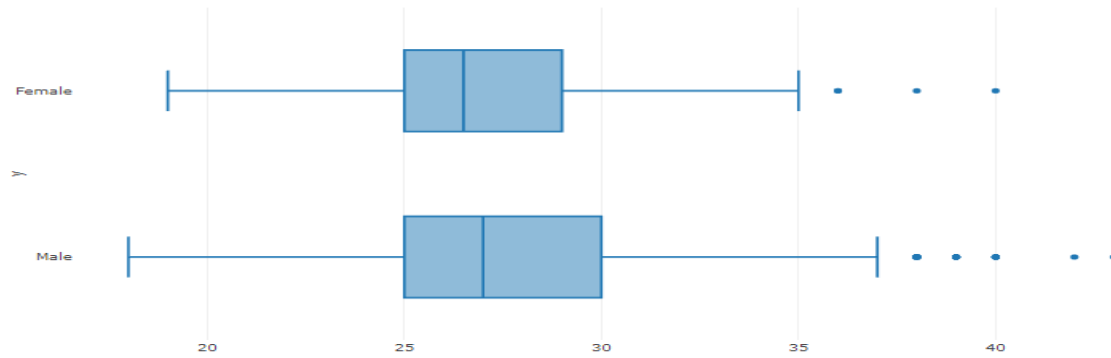
license



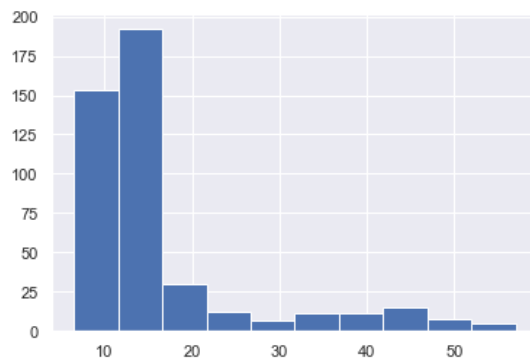
Work EXP:



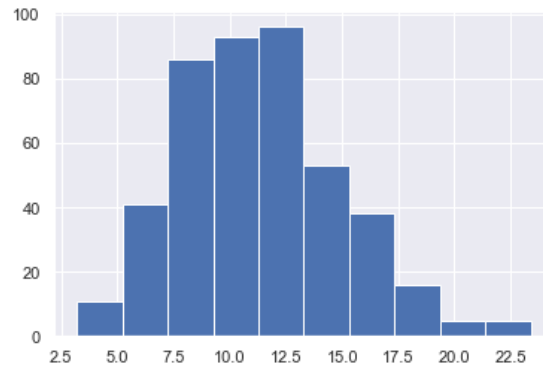
AGE:



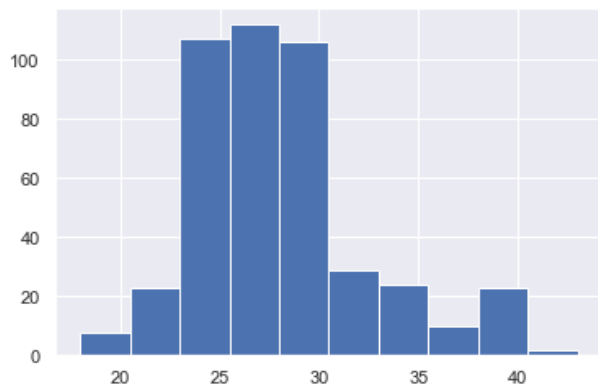
Distribution of Salary



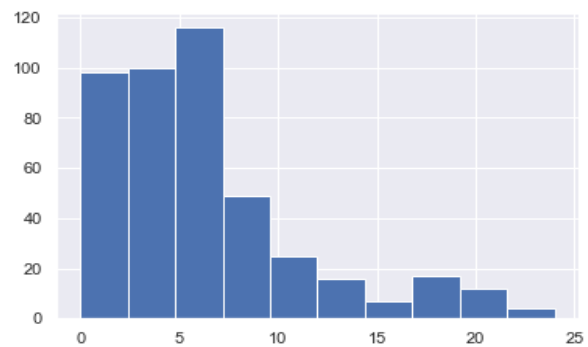
Distribution of Distance



Distribution of Age



Distribution of Work Exp



converting objective into categorical values.

	Age	Gender	Engineer	MBA	Work Exp	Salary	Distance	license	Transport
0	28	1	0	0	4	14.3	3.2	0	1
1	23	0	1	0	4	8.3	3.3	0	1
2	29	1	1	0	7	13.4	4.1	0	1
3	28	0	1	1	5	13.4	4.5	0	1
4	27	1	1	0	4	13.4	4.6	0	1
5	26	1	1	0	4	12.3	4.8	1	1
6	28	1	1	0	5	14.4	5.1	0	0
7	26	0	1	0	3	10.5	5.1	0	1
8	22	1	1	0	1	7.5	5.1	0	1
9	27	1	1	0	4	13.5	5.2	0	1
10	25	0	1	0	4	11.5	5.2	0	1
11	27	1	1	0	4	13.5	5.3	1	1
12	24	1	1	0	2	8.5	5.4	0	1
13	27	1	1	0	4	13.4	5.5	1	1
14	32	1	1	0	9	15.5	5.5	0	1

Outlier Code format for capturing outliers for numeric variables: $IQR_{Age} = IQR(cars_numeric\$Age)$ $LL_{Age} = \text{quantile}(cars_numeric\$Age, 0.25) - 1.5 * IQR_{Age}$ $UL_{Age} = \text{quantile}(cars_numeric\$Age, 0.75) + 1.5 * IQR_{Age}$ $AgeOut = \text{subset}(cars_numeric, cars_numeric\$Age < LL_{Age} \mid cars_numeric\$Age > UL_{Age})$ $\text{dim}(AgeOut)$

Based upon that, below is the count of outliers, variable-wise.

- Age- 25
- Work exp. – 38
- Salary – 59
- Distance –9

1.2 Split the data into train and test in the ratio 70:30. Is scaling necessary or not?

```
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.30 , random_state=1)
```

convert the features into z scores as we do not know what units / scales were used and store them in new dataframe # It is always advised to scale numeric attributes in models that calculate distances.

b)Splitting the data into train and test

Copy all the predictor variables into X dataframe. Since 'Transport ' is dependent variable drop it # Copy the 'Transport ' column alone into the y dataframe. This is the dependent variable. #Let us break the X and y dataframe into training set and test set. For this we will use #Sklearn package's data splitting function which is based on random function and # Split X and y into training and test set in 70:30 ratio.

- 1.3 Build the following models on the 70% training data and check the performance of these models on the Training as well as the 30% Test data using the various inferences from the Confusion Matrix and plotting a AUC-ROC curve along with the AUC values. Tune the models wherever required for optimum performance.: a. Logistic Regression Model.**

#LOGISTIC REGRESSION

```
LogisticRegression(max_iter=10000, n_jobs=2, penalty='none', solver='newton-cg',  
                    verbose=True)
```

```
0.7870967741935484
```

```
[[ 58 44]  
 [ 22 186]]
```

	precision	recall	f1-score	support
0	0.72	0.57	0.64	102
1	0.81	0.89	0.85	208
accuracy			0.79	310
macro avg	0.77	0.73	0.74	310
weighted avg	0.78	0.79	0.78	310

Accuracy of train and test dataset is 78%

Solver: solver is the algorithm to use in the optimization problem. The different types of solvers available are newton-cg, lbfgs, liblinear, sag and saga where lbfgs is the default one. To choose a solver, you might want to consider the following aspects:

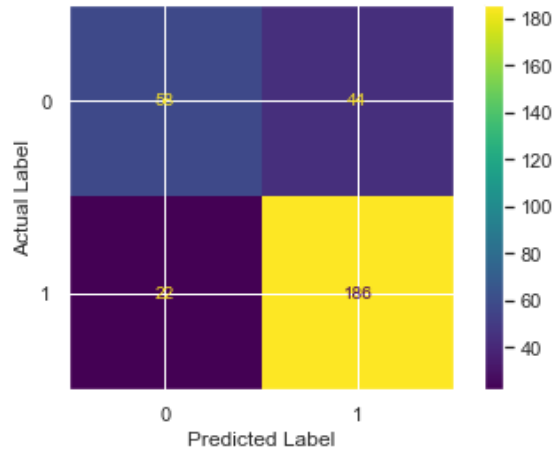
- For small datasets, 'liblinear' is a good choice, whereas 'sag' and 'saga' are faster for large ones;
- For multiclass problems, only 'newton-cg', 'sag', 'saga' and 'lbfgs' handle multinomial loss;
- 'liblinear' is limited to one-versus-rest schemes. Since we are dealing with multi class problem in this dataset where our target variable 'vote' is having two classes, we choose solver to be newton-cg. max_iter:

Maximum number of iterations taken for the solvers to converge. Default is 100, but here 10000 is given for better accuracy and more learning by the algorithm.

penalty: Penalized logistic regression imposes a penalty to the logistic model for having too many variables.

This results in shrinking the coefficients of the less contributive variables towards zero. This is also known as regularization. The various values given for penalty parameter are none, l2, l1, elasticnet out of which l2 is the default choice..

Confusion Matrix for Logistic Regression train data



	0	1
0	0.058538	0.941464
1	0.259928	0.740072
2	0.235071	0.764929
3	0.138701	0.863299
4	0.169100	0.830900

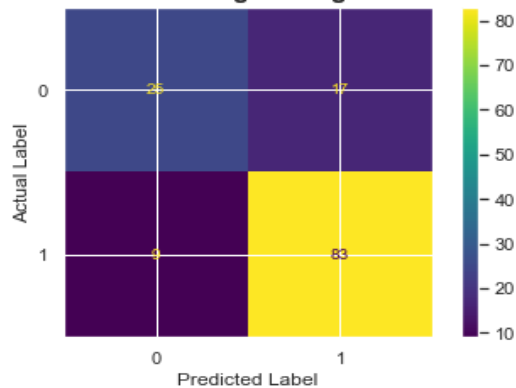
0.8059701492537313

[[25 17]
[9 83]]

	precision	recall	f1-score	support
0	0.74	0.60	0.66	42
1	0.83	0.90	0.86	92
accuracy			0.81	134
macro avg	0.78	0.75	0.76	134
weighted avg	0.80	0.81	0.80	134

accuracy of test dataset: 0.8059701492537313

Confusion Matrix for Logistic regression test data

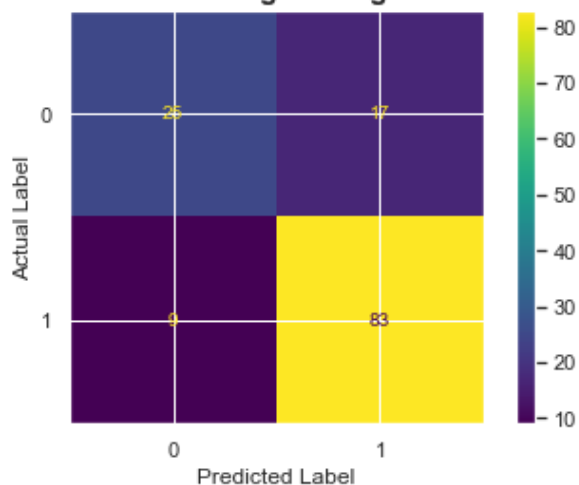


Confusion matrix for the test data

[[25 17]

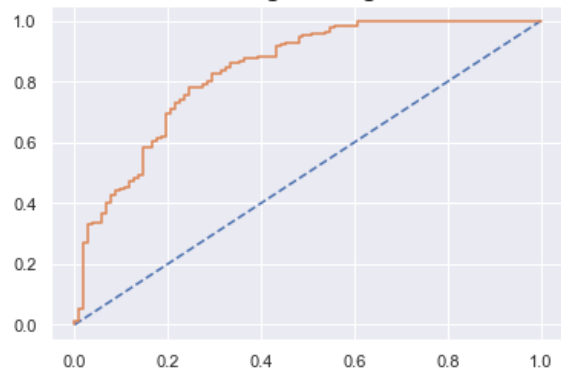
[9 83]]

Confusion Matrix for Logistic regression test data

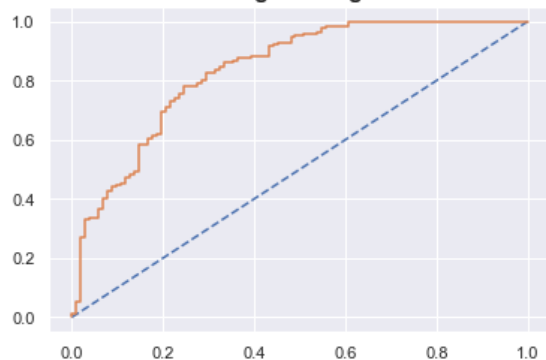


	0	1
0	0.623812	0.376188
1	0.056026	0.943974
2	0.465471	0.534529
3	0.036025	0.963975
4	0.483742	0.516258

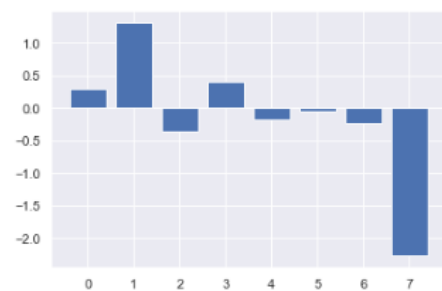
ROC CURVE for Logistic Regression test data



ROC CURVE for Logistic Regression train data



Feature: 0, Score: 0.29207
 Feature: 1, Score: 1.31650
 Feature: 2, Score: -0.35872
 Feature: 3, Score: 0.39757
 Feature: 4, Score: -0.18485
 Feature: 5, Score: -0.05880
 Feature: 6, Score: -0.23092
 Feature: 7, Score: -2.27380



View the Intercept and Coefficients:

```
[[ 0.292071  1.31649666 -0.35872262  0.39756898 -0.18485029 -0.05879662
 -0.23092221 -2.27380297]]
[-2.72495198]
features      coef
0      Age  0.292071
1    Gender  1.316497
2 Engineer -0.358723
3     MBA   0.397569
4 Work Exp -0.184850
5   Salary -0.058797
6 Distance -0.230922
7  license -2.273803
```

	coef
Gender	3.730330
MBA	1.488202
Age	1.330198
Salary	0.942899
Work Exp	0.831229
Distance	0.793801
Engineer	0.698568
license	0.102920

##Applying Grid Search on Logistic Regression model

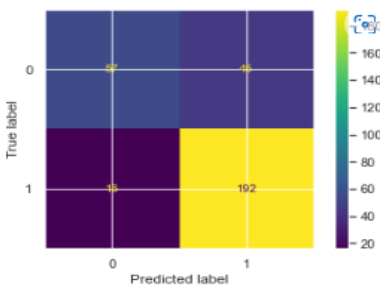
```
GridSearchCV(cv=3, estimator=LogisticRegression(max_iter=10000, n_jobs=2),
             n_jobs=-1,
             param_grid={'penalty': ['l2', 'none'], 'solver': ['sag', 'lbfgs'],
                         'tol': [0.0001, 1e-05]},
             scoring='f1')
```

```
{'penalty': 'none', 'solver': 'sag', 'tol': 0.0001}
```

```
LogisticRegression(max_iter=10000, n_jobs=2, penalty='none', solver='sag')
```

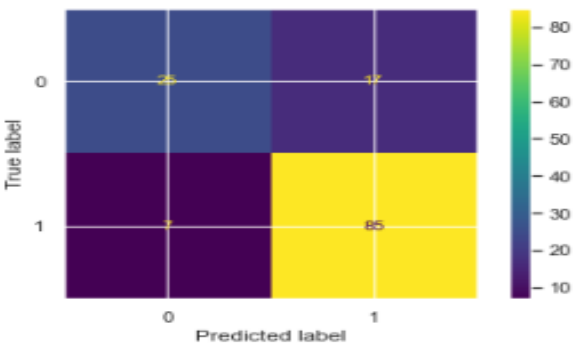
	0	1
0	0.533557	0.466443
1	0.062171	0.937829
2	0.447098	0.552904
3	0.036806	0.963194
4	0.476519	0.523481

	precision	recall	f1-score	support
0	0.78	0.56	0.65	102
1	0.81	0.92	0.86	208
accuracy			0.80	310
macro avg	0.80	0.74	0.76	310
weighted avg	0.80	0.80	0.79	310



Accuracy of logistic dataset after grid search CV: 0.8032258064516129

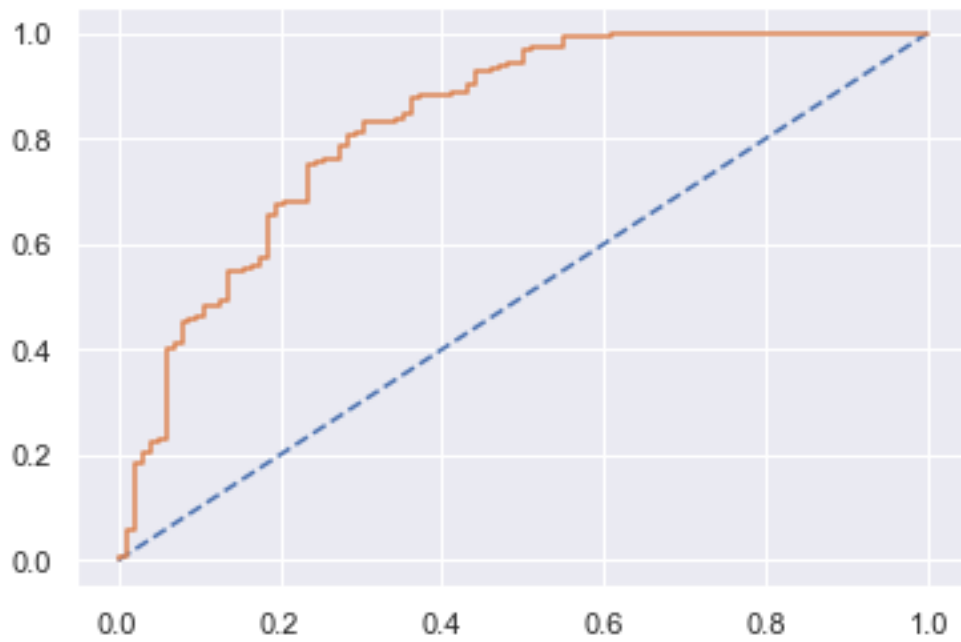
	precision	recall	f1-score	support
0	0.78	0.60	0.68	42
1	0.83	0.92	0.88	92
accuracy			0.82	134
macro avg	0.81	0.76	0.78	134
weighted avg	0.82	0.82	0.81	134



#ROC curve for training dataset after grid search Cv

ROC_AUC score: 0.830

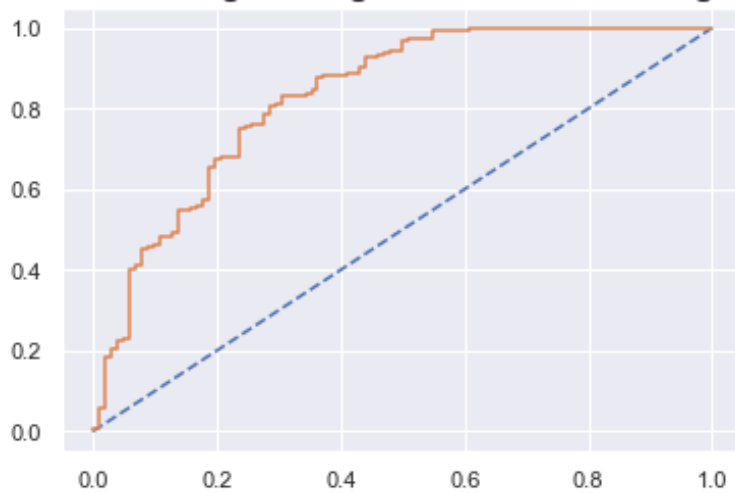
ROC CURVE for logistic Regression train data after grid search



#ROC CURVE FOR TESTING DATA AFTER GRID SEARCH

ROC_AUC score: 0.819

ROC CURVE for Logistic Regression test data after grid search



LDA

0.8

[[57 45]

[17 191]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.77	0.56	0.65	102
---	------	------	------	-----

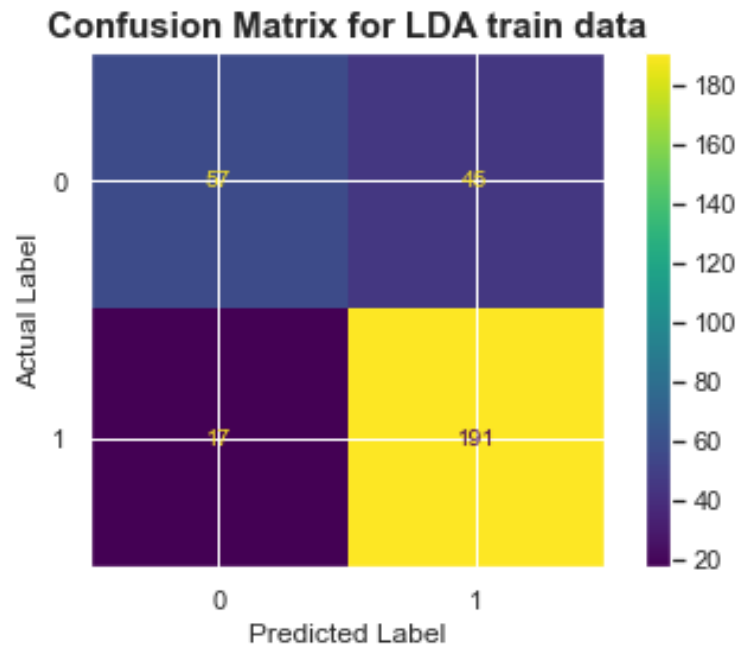
1	0.81	0.92	0.86	208
---	------	------	------	-----

accuracy			0.80	310
----------	--	--	------	-----

macro avg	0.79	0.74	0.75	310
-----------	------	------	------	-----

weighted avg	0.80	0.80	0.79	310
--------------	------	------	------	-----

Accuracy of train dataset: 0.8



0.8208955223880597

[[26 16]

[8 84]]

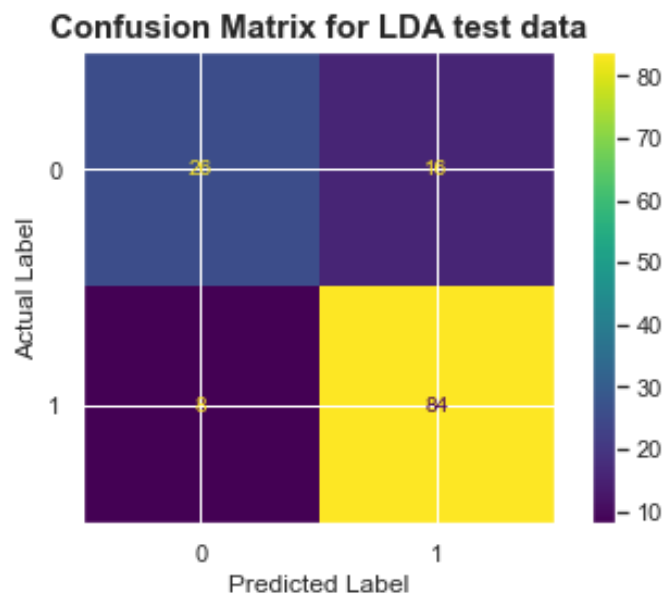
	precision	recall	f1-score	support
0	0.76	0.62	0.68	42
1	0.84	0.91	0.87	92
accuracy			0.82	134
macro avg	0.80	0.77	0.78	134
weighted avg	0.82	0.82	0.82	134

accuracy of test dataset: 0.8208955223880597

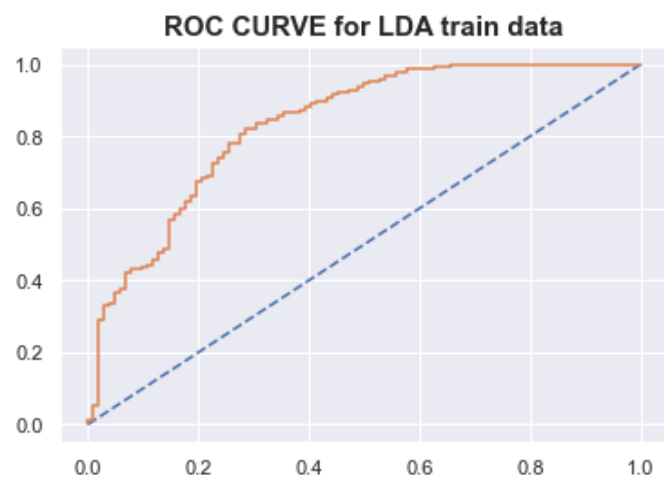
Confusion matrix for the test data

[[26 16]

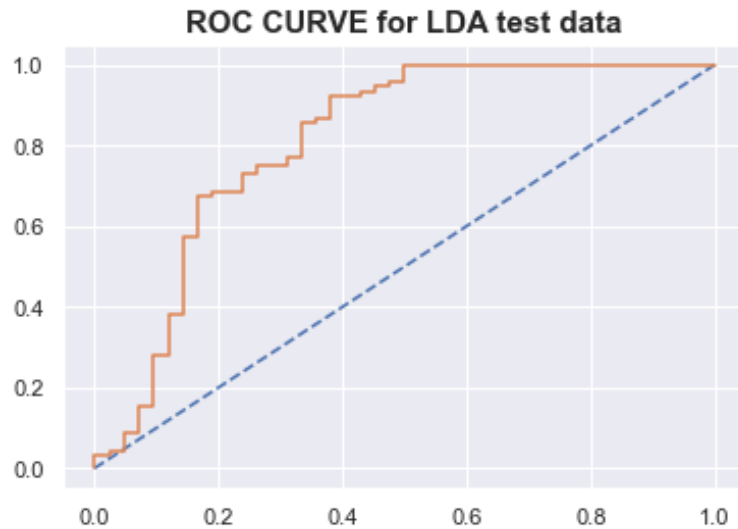
[8 84]]



ROC_AUC score : 0.834



ROC_AUC score: 0.810



View the Intercept and Coefficients:::

```
[ 0.31405083  1.37043247 -0.34447293  0.41222337 -0.20427415 -0.05964326
 -0.22453106 -2.73344538]]
[-3.00532818]
```

	features	coef
0	Age	0.314051
1	Gender	1.370432
2	Engineer	-0.344473
3	MBA	0.412223
4	Work Exp	-0.204274
5	Salary	-0.059643
6	Distance	-0.224531
7	license	-2.733445

Out[68]:

	coef
Gender	3.937053

	coef
MBA	1.510172
Age	1.368959
Salary	0.942101
Work Exp	0.815239
Distance	0.798891
Engineer	0.708594
license	0.064995

get importance

Feature: 0, Score: 0.31405

Feature: 1, Score: 1.37043

Feature: 2, Score: -0.34447

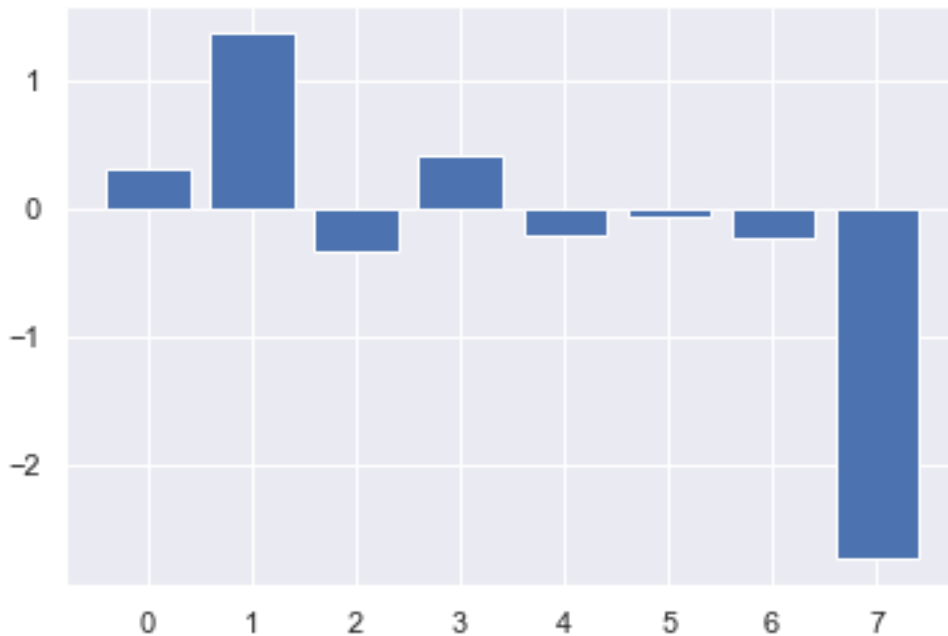
Feature: 3, Score: 0.41222

Feature: 4, Score: -0.20427

Feature: 5, Score: -0.05964

Feature: 6, Score: -0.22453

Feature: 7, Score: -2.73345



```
[[ 0.31405083  1.37043247 -0.34447293  0.41222337 -0.20427415 -0.05964326
 -0.22453106 -2.73344538]]
```

#Applying Grid Search CV on LDA data

```
GridSearchCV(cv=3,
              estimator=LatentDirichletAllocation(learning_method='online',
                                                    n_jobs=1),
              param_grid={'learning_decay': [0.75, 0.8, 0.85],
                          'n_components': [6, 8, 10, 12]})
```

```
{'learning_decay': 0.85, 'n_components': 6}
```

```
LatentDirichletAllocation(learning_decay=0.85, learning_method='online',
                          n_components=6, n_jobs=1)
```

```
best_model = lda_search.best_estimator_
```

#NAIVE BAYES:

```
GaussianNB()
```

0.7935483870967742

```
[[ 51  51]
 [ 13 195]]
```

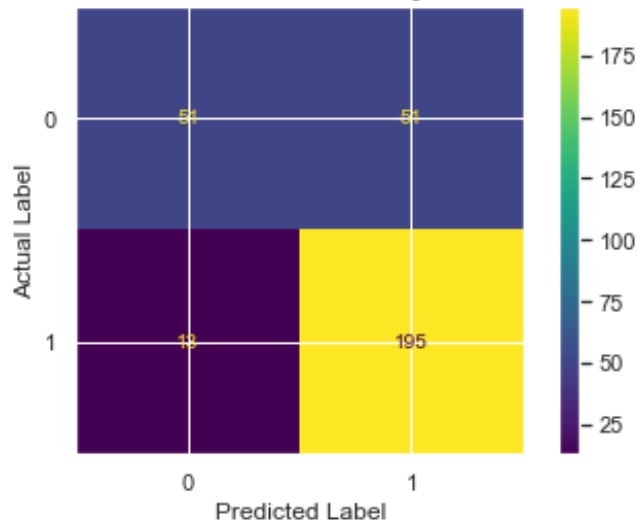
	precision	recall	f1-score	support
0	0.80	0.50	0.61	102
1	0.79	0.94	0.86	208
accuracy			0.79	310
macro avg	0.79	0.72	0.74	310
weighted avg	0.79	0.79	0.78	310

accuracy of train dataset: 0.7935483870967742

Confusion matrix for the train data

```
[[ 51  51]
 [ 13 195]]
```

Confusion Matrix for Naive Bayees train data



0.7910447761194029


```
[[22 20]
 [ 8 84]]
```

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.73	0.52	0.61	42
1	0.81	0.91	0.86	92

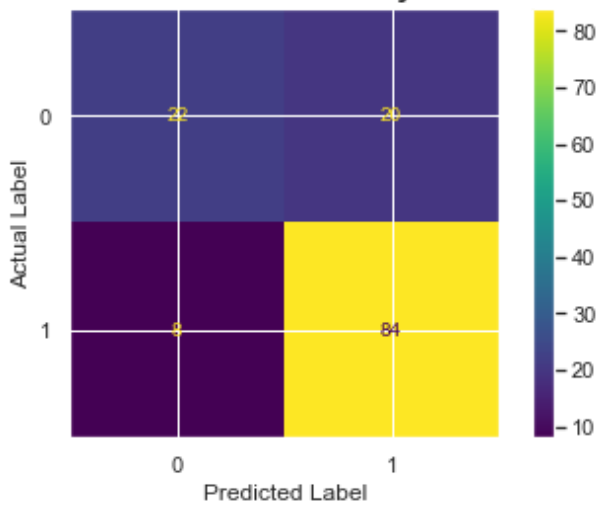
accuracy			0.79	134
macro avg	0.77	0.72	0.73	134
weighted avg	0.78	0.79	0.78	134

accuracy of test dataset: 0.7935483870967742

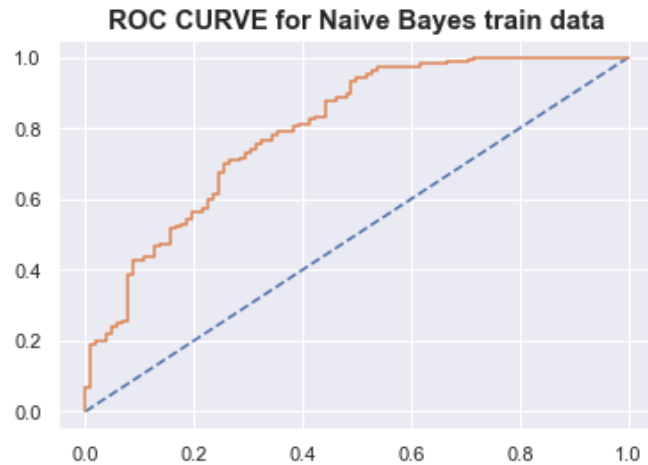
Confusion matrix for the test data

```
[[22 20]
 [ 8 84]]
```

Confusion Matrix for Naive Bayees test data



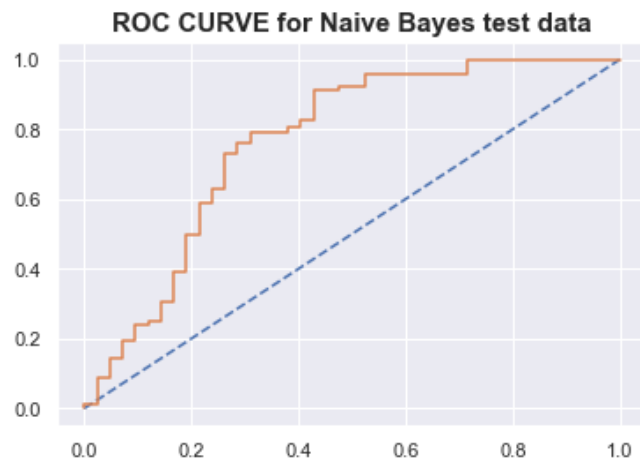
ROC_AUC score: 0.798



ROC_AUC score: 0.766

Out[112]:

[<matplotlib.lines.Line2D at 0x23aca341a90>]



#KNN

KNeighborsClassifier()

1

Performance Matrix on train data set

0.8387096774193549

[[65 37]

[13 195]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.83	0.64	0.72	102
---	------	------	------	-----

1	0.84	0.94	0.89	208
---	------	------	------	-----

accuracy			0.84	310
----------	--	--	------	-----

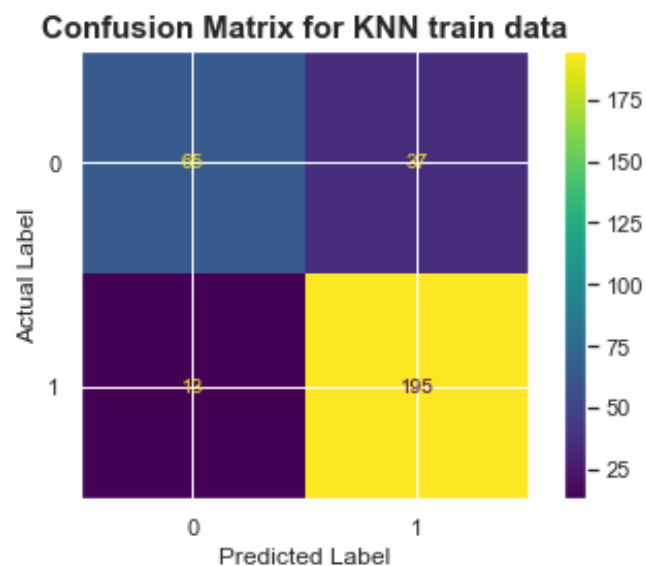
macro avg	0.84	0.79	0.80	310
-----------	------	------	------	-----

weighted avg 0.84 0.84 0.83 310

accuracy of train dataset: 0.8387096774193549

Confusion matrix for the train data

```
[[ 65 37]
 [ 13 195]]
```



Performance Matrix on test data set

0.7388059701492538

```
[[21 21]
```

```
[14 78]]
```

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.60	0.50	0.55	42
---	------	------	------	----

1	0.79	0.85	0.82	92
---	------	------	------	----

accuracy			0.74	134
----------	--	--	------	-----

macro avg	0.69	0.67	0.68	134
-----------	------	------	------	-----

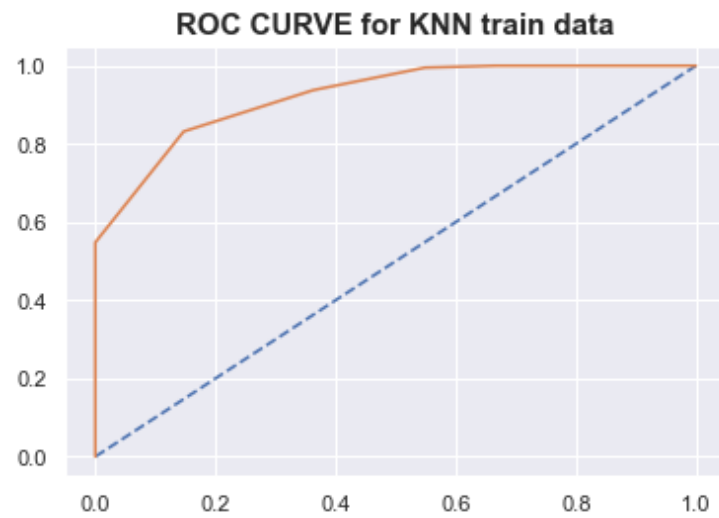
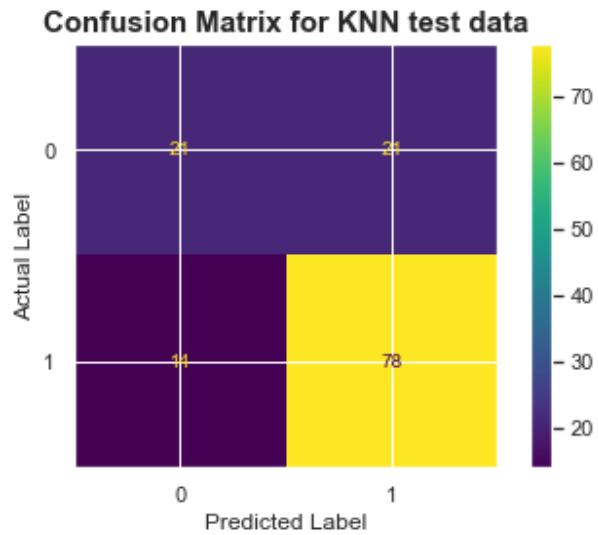
weighted avg	0.73	0.74	0.73	134
--------------	------	------	------	-----

accuracy of test dataset: 0.7388059701492538

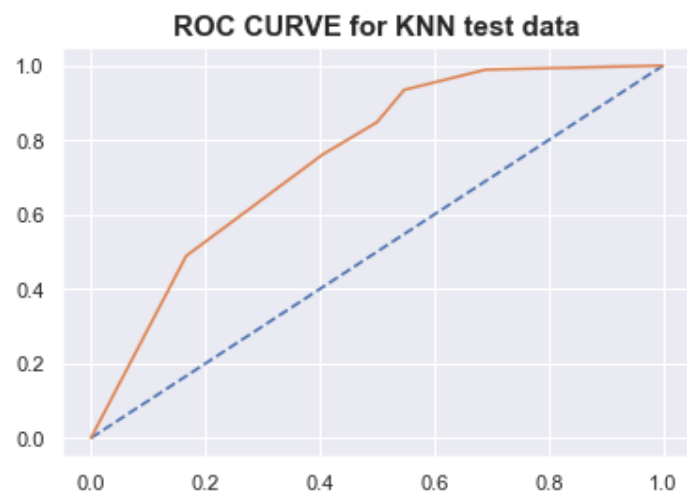
Confusion matrix for the test data

```
[[21 21]
```

```
[14 78]]
```



ROC_AUC score:0.754



#Applying grid Search on KNN data

#for n_neighbours/k=7

KNeighborsClassifier(n_neighbors=7)

0.8354838709677419

[[64 38]

[13 195]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.83	0.63	0.72	102
---	------	------	------	-----

1	0.84	0.94	0.88	208
---	------	------	------	-----

accuracy			0.84	310
----------	--	--	------	-----

macro avg	0.83	0.78	0.80	310
-----------	------	------	------	-----

weighted avg	0.84	0.84	0.83	310
--------------	------	------	------	-----

Performance Matrix on test data set

0.746268656716418

[[21 21]

[13 79]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.62	0.50	0.55	42
---	------	------	------	----

1	0.79	0.86	0.82	92
---	------	------	------	----

accuracy			0.75	134
----------	--	--	------	-----

macro avg	0.70	0.68	0.69	134
-----------	------	------	------	-----

weighted avg	0.74	0.75	0.74	134
--------------	------	------	------	-----

empty list that will hold accuracy scores:

[0.24626865671641796,

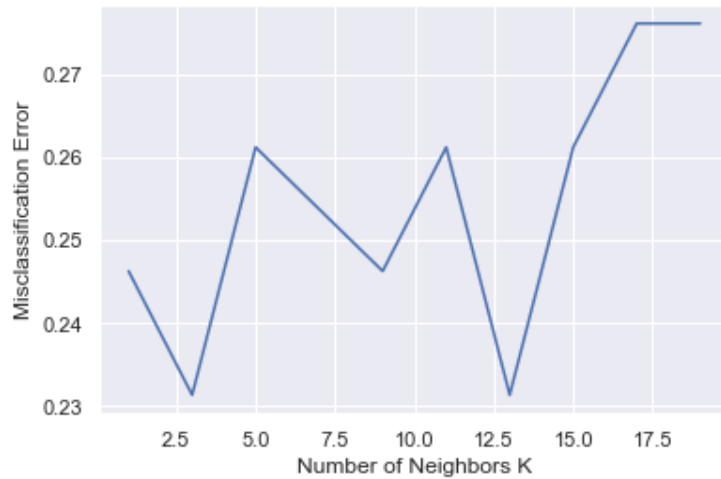
0.23134328358208955,

0.26119402985074625,

0.25373134328358204,

0.24626865671641796,

```
0.26119402985074625,
0.23134328358208955,
0.26119402985074625,
0.27611940298507465,
0.27611940298507465]
```



#for k=19

```
0.7903225806451613
```

```
[[ 49 53]
```

```
 [ 12 196]]
```

```
precision recall f1-score support
```

```
0    0.80    0.48    0.60    102
```

```
1    0.79    0.94    0.86    208
```

```
accuracy                0.79    310
```

```
macro avg    0.80    0.71    0.73    310
```

```
weighted avg    0.79    0.79    0.77    310
```

Performance Matrix on test data set:

```
0.7238805970149254
```

```
[[17 25]
```

```
 [12 80]]
```

```
precision recall f1-score support
```

```
0    0.59    0.40    0.48    42
```

```
1    0.76    0.87    0.81    92
```

```
accuracy                0.72    134
```

macro avg	0.67	0.64	0.65	134
weighted avg	0.71	0.72	0.71	134

Performance Matrix on test data set

0.7238805970149254

[[17 25]

[12 80]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.59	0.40	0.48	42
---	------	------	------	----

1	0.76	0.87	0.81	92
---	------	------	------	----

accuracy		0.72	134
----------	--	------	-----

macro avg	0.67	0.64	0.65	134
-----------	------	------	------	-----

weighted avg	0.71	0.72	0.71	134
--------------	------	------	------	-----

#for k=17

KNeighborsClassifier(n_neighbors=17)

Performance Matrix on train data set:

0.7903225806451613

[[51 51]

[14 194]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.78	0.50	0.61	102
---	------	------	------	-----

1	0.79	0.93	0.86	208
---	------	------	------	-----

accuracy		0.79	310
----------	--	------	-----

macro avg	0.79	0.72	0.73	310
-----------	------	------	------	-----

weighted avg	0.79	0.79	0.78	310
--------------	------	------	------	-----

Performance Matrix on test data set:

0.7238805970149254

[[17 25]

[12 80]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.59	0.40	0.48	42
1	0.76	0.87	0.81	92

accuracy			0.72	134
macro avg	0.67	0.64	0.65	134
weighted avg	0.71	0.72	0.71	134

#for k=13

0.8129032258064516

[[57 45]

[13 195]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.81	0.56	0.66	102
1	0.81	0.94	0.87	208

accuracy			0.81	310
macro avg	0.81	0.75	0.77	310
weighted avg	0.81	0.81	0.80	310

Accuracy of the KNN train data for k=13 0.8129032258064516

Performance Matrix on test data set

0.7686567164179104

[[22 20]

[11 81]]

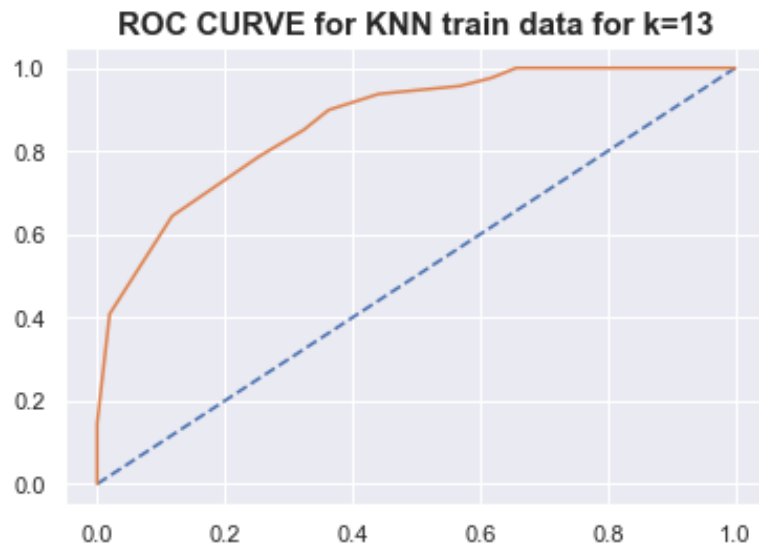
	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.67	0.52	0.59	42
1	0.80	0.88	0.84	92

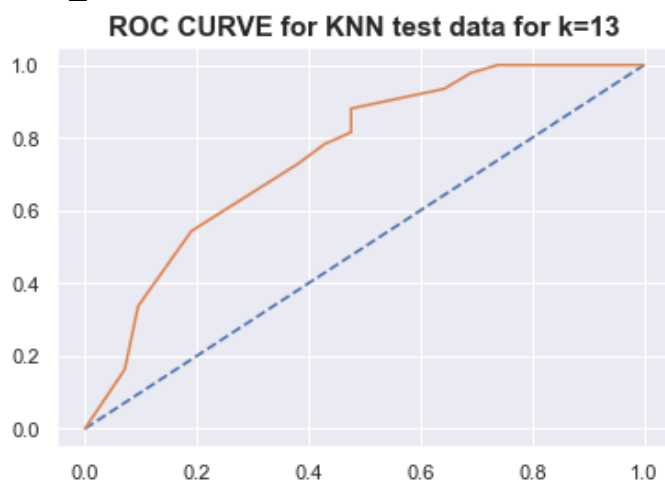
accuracy			0.77	134
macro avg	0.73	0.70	0.71	134
weighted avg	0.76	0.77	0.76	134

Accuracy of the KNN test data for k=13 0.7686567164179104

ROC_AUC score: 0.868



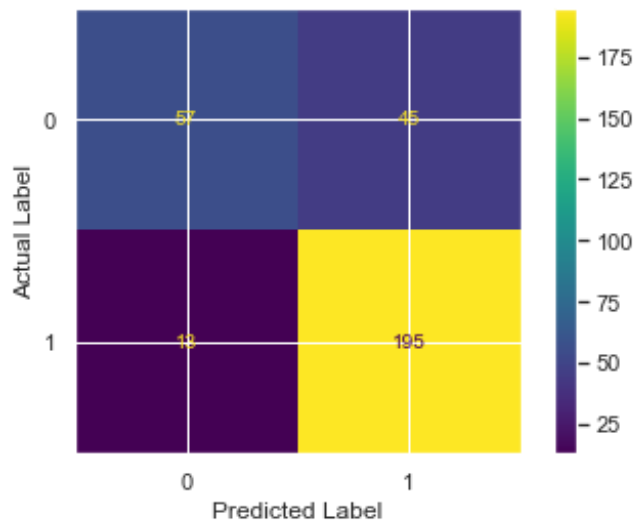
ROC_AUC score:0.755



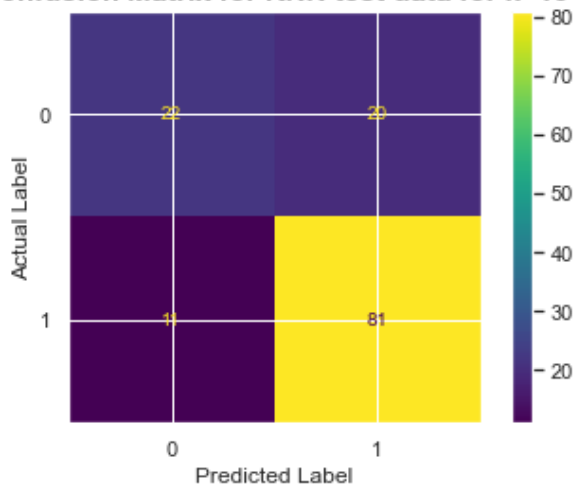
Confusion matrix for the train data for k=13

```
[[ 57 45]
 [ 13 195]]
```

Confusion Matrix for KNN train data for k=13



Confusion Matrix for KNN test data for k=13



ADA BOOST

AdaBoostClassifier(n_estimators=100, random_state=1)

0.8838709677419355

[[77 25]

[11 197]]

precision recall f1-score support

0 0.88 0.75 0.81 102

1 0.89 0.95 0.92 208

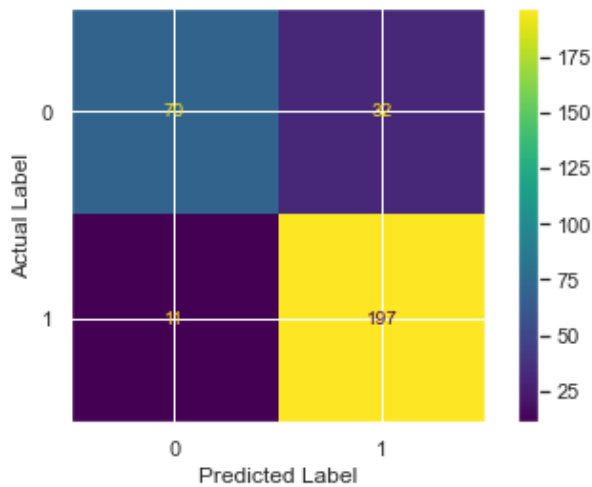
accuracy		0.88	310
macro avg	0.88	0.85	0.86
weighted avg	0.88	0.88	0.88

accuracy of train dataset: 0.8838709677419355

Confusion matrix for the train data

```
[[ 70  32]
 [ 11 197]]
```

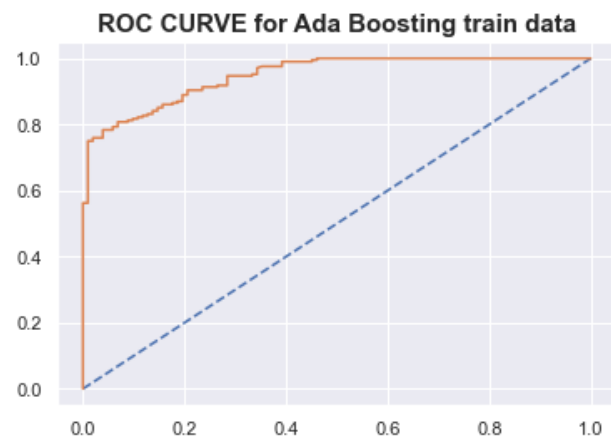
Confusion Matrix for ADA Boost train data



	0	1
0	0.495707	0.504293
1	0.488651	0.513349
2	0.493247	0.506753
3	0.492490	0.507510
4	0.503419	0.496581

predict probabilities

ROC_AUC score: 0.949



Performance Matrix on test data set

0.7910447761194029

```
[[26 16]
 [12 80]]
```

	precision	recall	f1-score	support
0	0.68	0.62	0.65	42
1	0.83	0.87	0.85	92

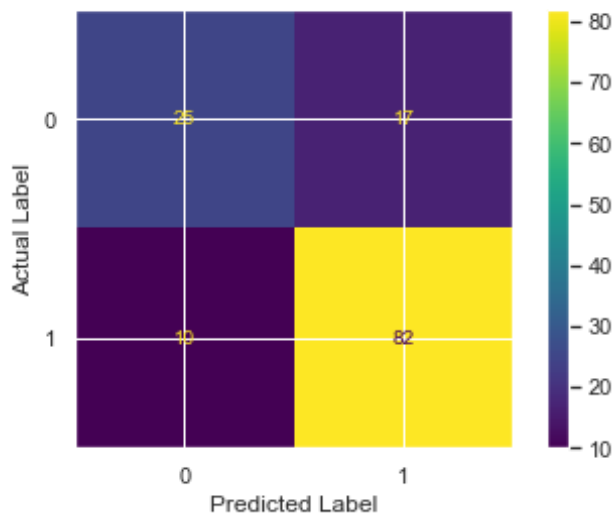
accuracy			0.79	134
macro avg	0.76	0.74	0.75	134
weighted avg	0.79	0.79	0.79	134

accuracy of test dataset: 0.7910447761194029

Confusion matrix for the test data

```
[[25 17]
 [10 82]]
```

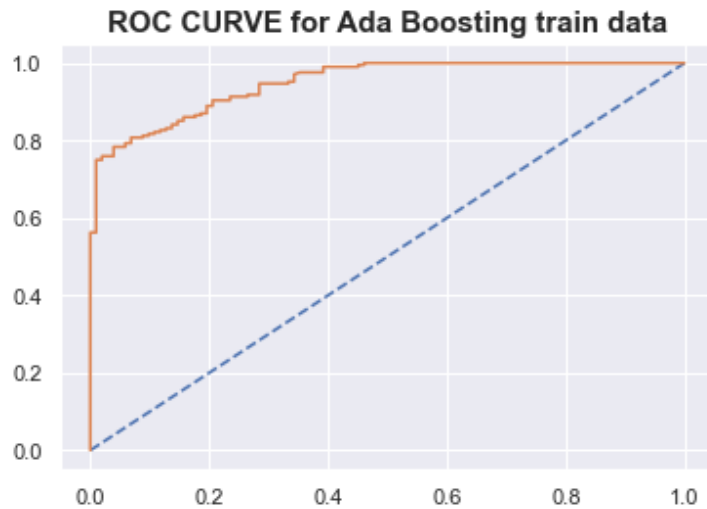
Confusion Matrix for ADA Boost test data



	0	1
0	0.495707	0.504293
1	0.486651	0.513349
2	0.493247	0.506753
3	0.492490	0.507510
4	0.503419	0.496581

predict probabilities:

ROC_AUC score: 0.949



0.7985074626865671

```
[[25 17]
 [10 82]]
```

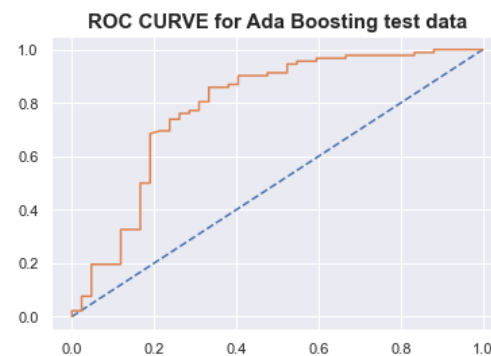
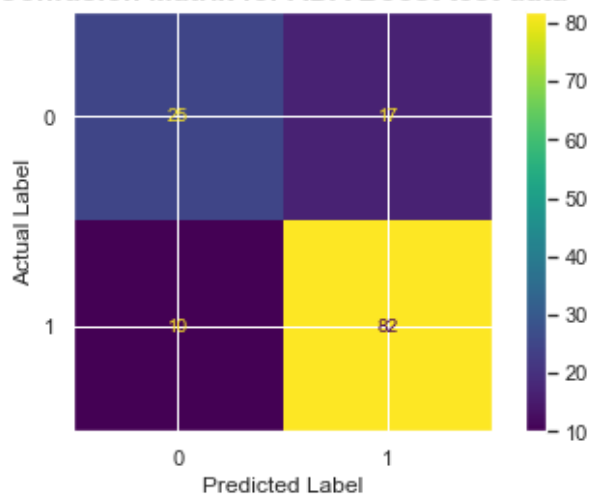
	precision	recall	f1-score	support
0	0.71	0.60	0.65	42
1	0.83	0.89	0.86	92
accuracy			0.80	134
macro avg	0.77	0.74	0.75	134
weighted avg	0.79	0.80	0.79	134

accuracy of test dataset: 0.7910447761194029

Confusion matrix for the test data

```
[[25 17]
 [10 82]]
```

Confusion Matrix for ADA Boost test data

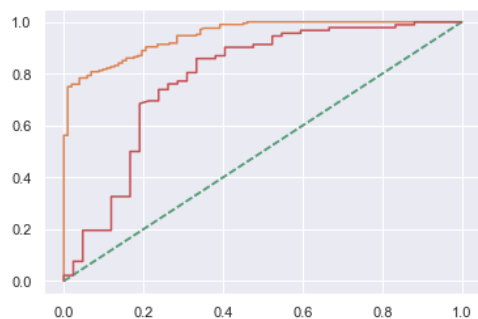


ROC_AUC score:0.786

predict probabilities:

AUC: 0.949

AUC :0.786



#GRADIENT BOOSTING:

Performance Matrix on train data set

0.967741935483871

[[93 9]

[1 207]]

precision recall f1-score support

0 0.99 0.91 0.95 102

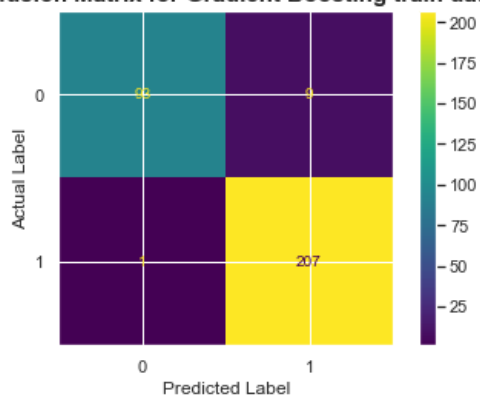
	1	0.96	1.00	0.98	208
accuracy				0.97	310
macro avg		0.97	0.95	0.96	310
weighted avg		0.97	0.97	0.97	310

accuracy of train dataset: 0.967741935483871

Confusion matrix for the train data

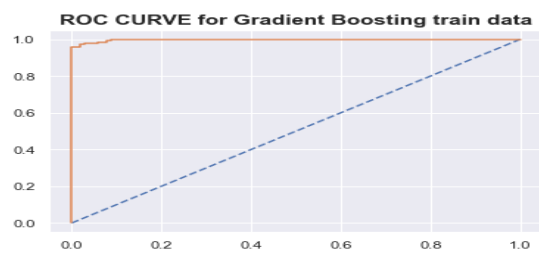
```
[[ 93  9]
 [ 1 207]]
```

Confusion Matrix for Gradient Boosting train data



predict probabilities:

ROC_AUC score: 0.998



Performance Matrix on test data set

0.7686567164179104

```

[[25 17]
 [14 78]]
precision recall f1-score support

 0    0.64    0.60    0.62     42
 1    0.82    0.85    0.83     92

accuracy              0.77    134
macro avg    0.73    0.72    0.73    134
weighted avg    0.76    0.77    0.77    134

```

accuracy of test dataset: 0.7686567164179104

Confusion matrix for the test data

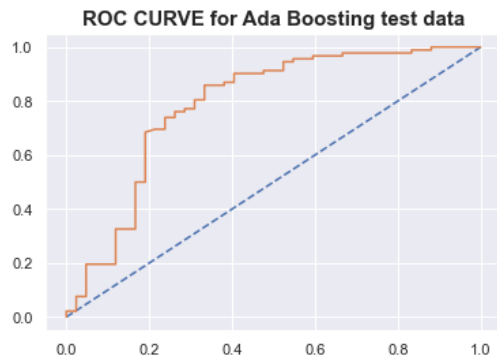
```

[[25 17]
 [14 78]]

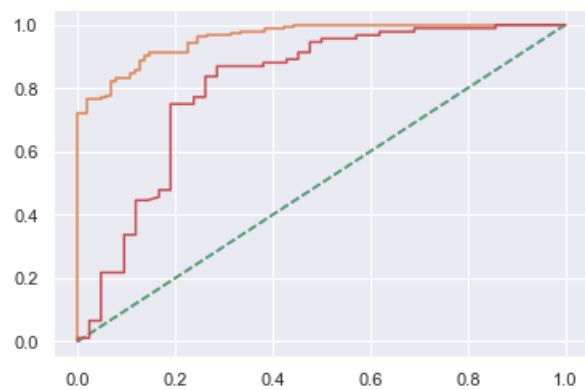
```



ROC_AUC score:0.786



predict probabilities



#GRADIENT BOOSTING:

Performance Matrix on train data set:

0.967741935483871

[[93 9]

[1 207]]

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.99	0.91	0.95	102
---	------	------	------	-----

1	0.96	1.00	0.98	208
---	------	------	------	-----

accuracy			0.97	310
----------	--	--	------	-----

macro avg	0.97	0.95	0.96	310
-----------	------	------	------	-----

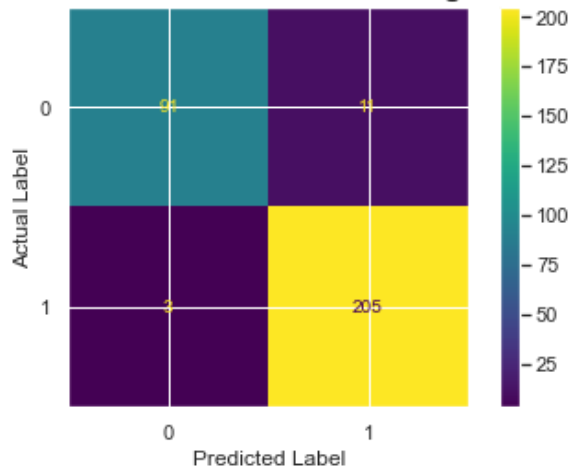
weighted avg	0.97	0.97	0.97	310
--------------	------	------	------	-----

accuracy of train dataset: 0.967741935483871

Confusion matrix for the train data

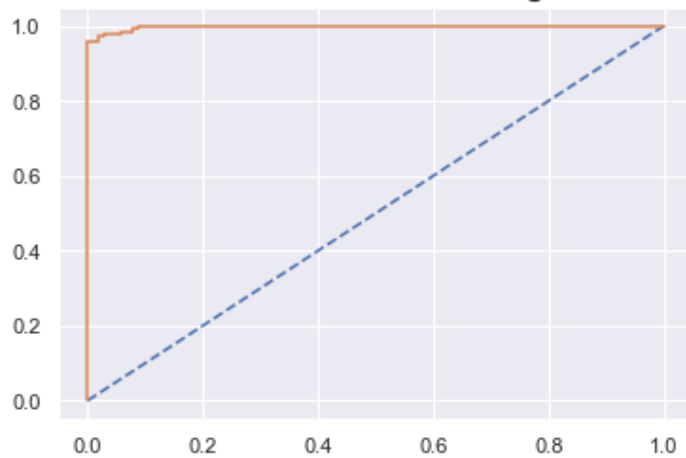
```
[[ 93  9]
 [ 1 207]]
```

Confusion Matrix for Gradient Boosting train data



predict probabilities:

ROC CURVE for Gradient Boosting train data



Performance Matrix on test data set

0.7686567164179104

```
[[25 17]
 [14 78]]
```

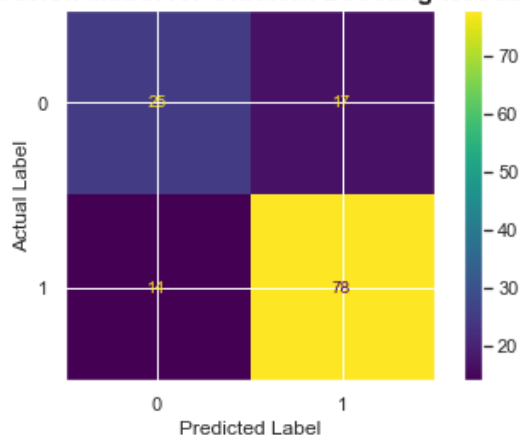
	precision	recall	f1-score	support
0	0.64	0.60	0.62	42
1	0.82	0.85	0.83	92
accuracy			0.77	134
macro avg	0.73	0.72	0.73	134
weighted avg	0.76	0.77	0.77	134

accuracy of test dataset: 0.7686567164179104

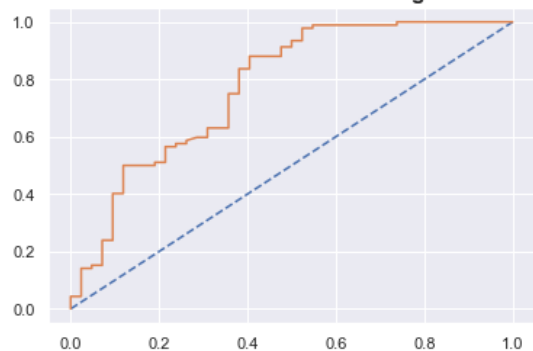
Confusion matrix for the test data

```
[[25 17]
 [12 80]]
```

Confusion Matrix for Gradient Boosting test data



ROC CURVE for Gradient Boosting test data



ROC_AUC score :0.775

#DECISION TREE:

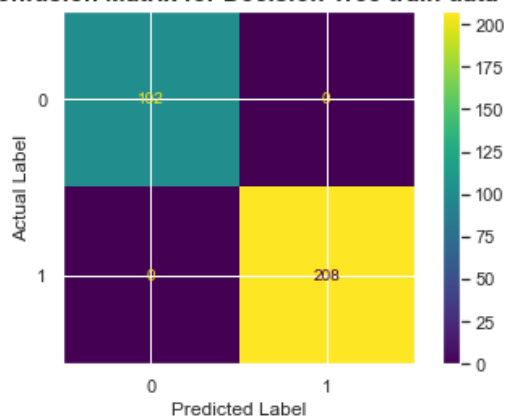
DecisionTreeClassifier()

accuracy of train dataset: 0.7835820895522388

Confusion matrix for the train data

```
[[ 91 11]
 [ 3 205]]
```

Confusion Matrix for Decision Tree train data



0.7835820895522388

[[30 12]

[17 75]]

precision recall f1-score support

0 0.64 0.71 0.67 42

1 0.86 0.82 0.84 92

accuracy 0.78 134

macro avg 0.75 0.76 0.76 134

weighted avg 0.79 0.78 0.79 134

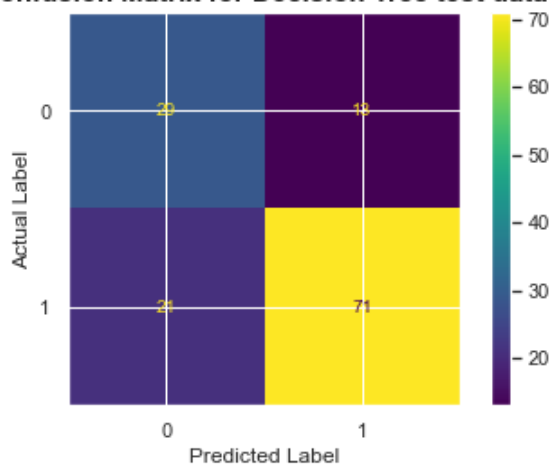
accuracy of test dataset: 0.7835820895522388

Confusion matrix for the test data

[[30 12]

[17 75]]

Confusion Matrix for Decision Tree test data

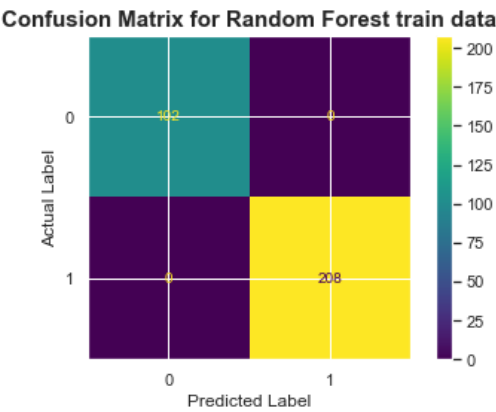


#RANDOM FOREST:

```
RandomForestClassifier(random_state=1)
```

1.0				
[[102 0]				
[0 208]]				
	precision	recall	f1-score	support
0	1.00	1.00	1.00	102
1	1.00	1.00	1.00	208
accuracy			1.00	310
macro avg	1.00	1.00	1.00	310
weighted avg	1.00	1.00	1.00	310

accuracy of train dataset: 1.0
Confusion matrix for the train data
[[102 0]
[0 208]]



0.8059701492537313				
[[26 16]				
[10 82]]				
	precision	recall	f1-score	support
0	0.72	0.62	0.67	42

1	0.84	0.89	0.86	92
accuracy			0.81	134
macro avg	0.78	0.76	0.76	134
weighted avg	0.80	0.81	0.80	134

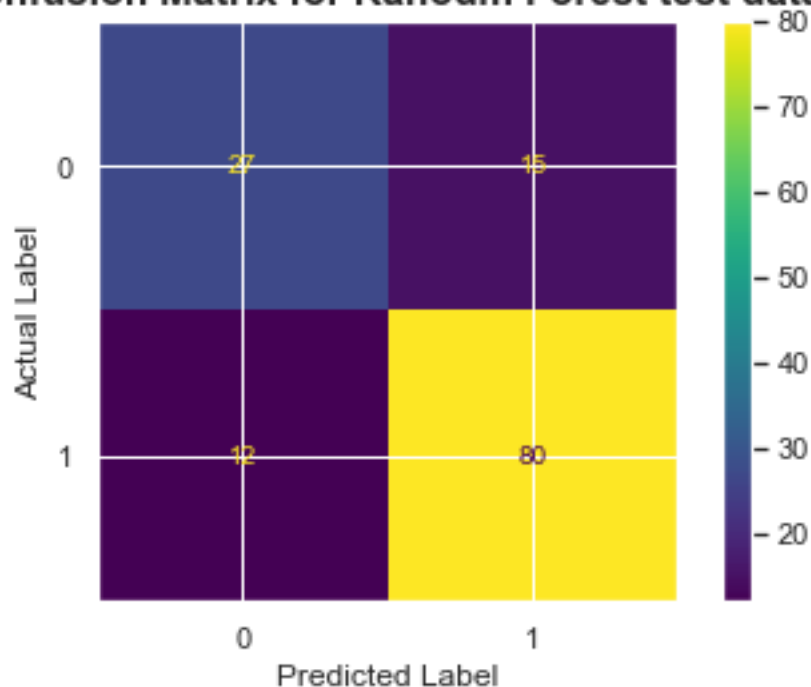
accuracy of test dataset: 0.8059701492537313

Confusion matrix for the test data

[[27 15]

[12 80]]

Confusion Matrix for Ranodm Forest test data



#APLLYING GRID SEARCH CV ON RANDOM FOREST:

```
GridSearchCV(cv=10, estimator=RandomForestClassifier(random_state=0),
             param_grid={'max_depth': [5, 7, 10], 'max_features': [4, 6],
                          'min_samples_leaf': [5, 10],
                          'min_samples_split': [50, 100],
                          'n_estimators': [100, 200, 300]})
```

```
{'max_depth': 5,
 'max_features': 4,
```

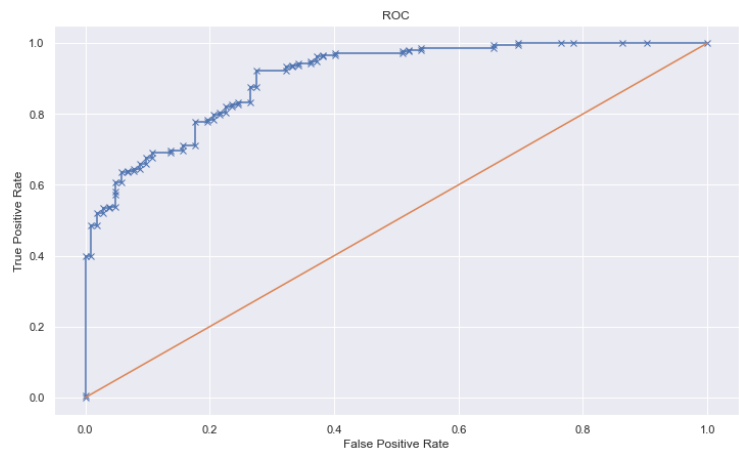
```
'min_samples_leaf': 5,  
'min_samples_split': 50,  
'n_estimators': 200}
```

```
RandomForestClassifier(max_depth=5, max_features=4, min_samples_leaf=5,  
                        min_samples_split=50, n_estimators=200, random_state=0)
```

precision	recall	f1-score	support	
0	0.91	0.60	0.72	102
1	0.83	0.97	0.90	208
accuracy			0.85	310
macro avg	0.87	0.78	0.81	310
weighted avg	0.86	0.85	0.84	310

Area under Curve is 0.9019607843137255

```
array([[22, 20],  
       [ 9, 83]], dtype=int64)
```

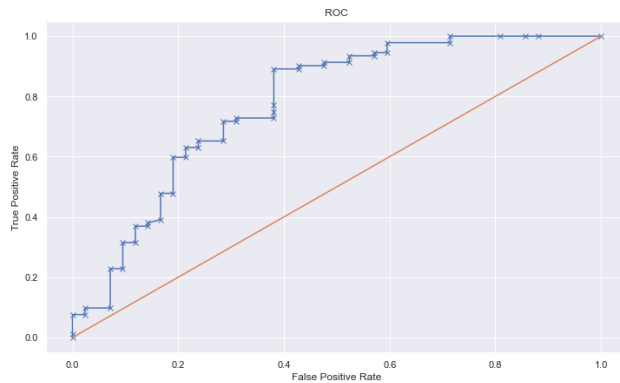


precision	recall	f1-score	support	
0	0.71	0.52	0.60	42

1	0.81	0.90	0.85	92
---	------	------	------	----

accuracy			0.78	134
macro avg	0.76	0.71	0.73	134
weighted avg	0.78	0.78	0.77	134

```
#from sklearn.metrics import roc_curve,roc_auc_score:
```



Area under Curve is 0.776268115942029

#BAGGING ON CART:

```
BaggingClassifier(base_estimator=DecisionTreeClassifier(), n_estimators=100,
random_state=1)
```

Performance Matrix on train data set:

```
1.0
[[102  0]
 [  0 208]]
precision recall f1-score support
```

0	1.00	1.00	1.00	102
1	1.00	1.00	1.00	208

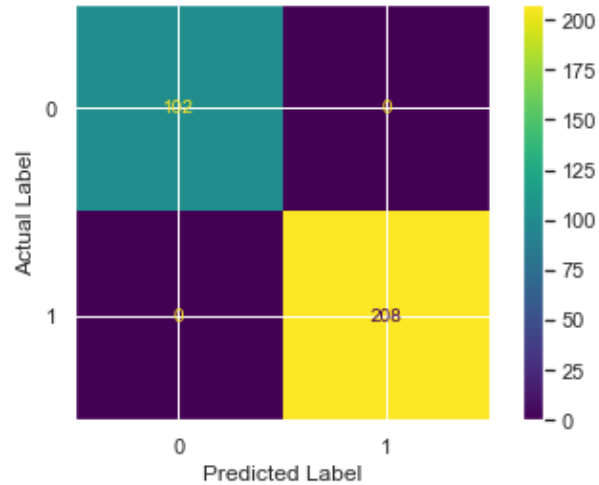
accuracy			1.00	310
macro avg	1.00	1.00	1.00	310
weighted avg	1.00	1.00	1.00	310

accuracy of train dataset: 1.0

Confusion matrix for the train data

```
[[102  0]
 [  0 208]]
```

Confusion Matrix for Bagging train data



Performance Matrix on test data set:

0.8134328358208955

```
[[29 13]
```

```
[12 80]]
```

	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.71	0.69	0.70	42
---	------	------	------	----

1	0.86	0.87	0.86	92
---	------	------	------	----

accuracy			0.81	134
----------	--	--	------	-----

macro avg	0.78	0.78	0.78	134
-----------	------	------	------	-----

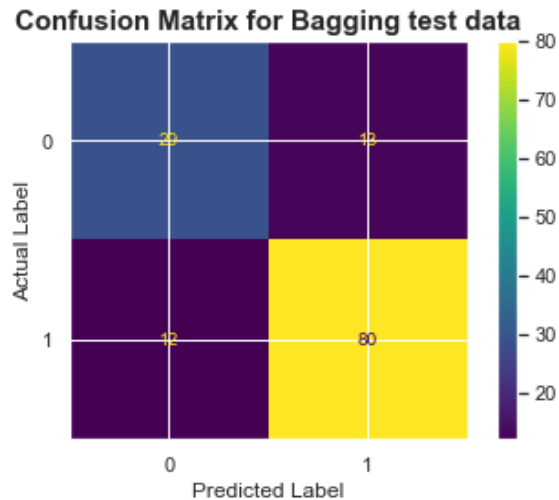
weighted avg	0.81	0.81	0.81	134
--------------	------	------	------	-----

accuracy of test dataset: 0.8134328358208955

Confusion matrix for the test data

```
[[29 13]
```

```
[12 80]]
```



#BAGGING ON RANDOM FOREST:

#n- estimators s the number of trees in the forest:
0.8134328358208955



BaggingClassifier(base_estimator=RandomForestClassifier(), n_estimators=50,
random_state=0)

Performance Matrix on train data set.

0.9741935483870968

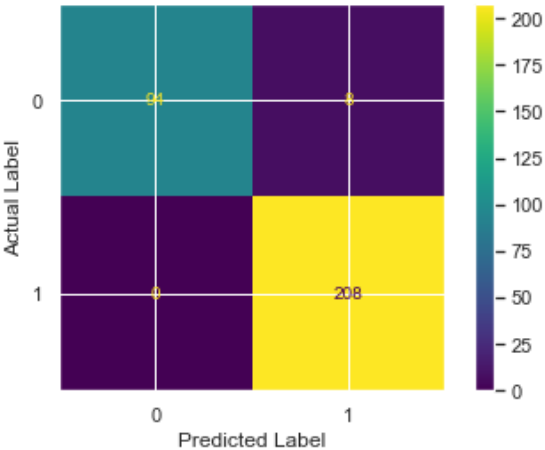
[[94 8]

[0 208]]

	precision	recall	f1-score	support
0	1.00	0.92	0.96	102
1	0.96	1.00	0.98	208

accuracy			0.97	310
macro avg	0.98	0.96	0.97	310
weighted avg	0.98	0.97	0.97	310

Confusion Matrix for Bagging train data



Accuracy on Bagging train data: 0.9741935483870968

0.8134328358208955

[[24 18]

[7 85]]

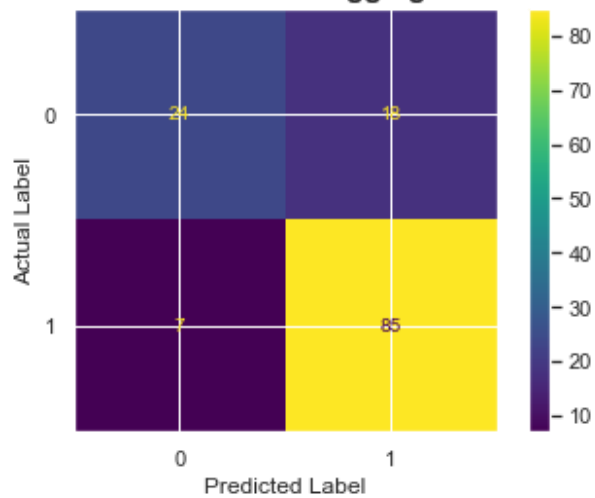
	precision	recall	f1-score	support
--	-----------	--------	----------	---------

0	0.77	0.57	0.66	42
---	------	------	------	----

1	0.83	0.92	0.87	92
---	------	------	------	----

accuracy			0.81	134
macro avg	0.80	0.75	0.76	134
weighted avg	0.81	0.81	0.80	134

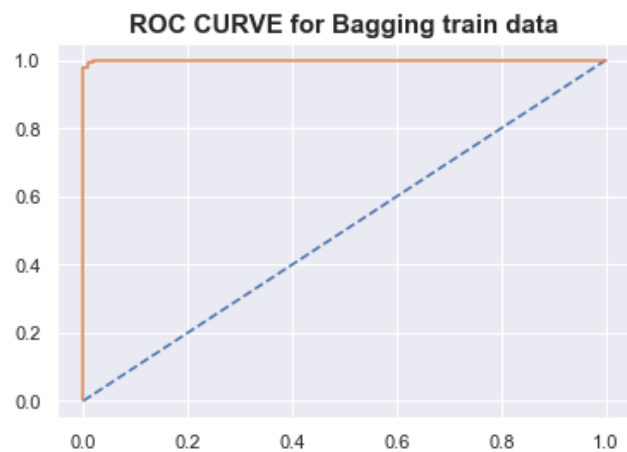
Confusion Matrix for Bagging test data



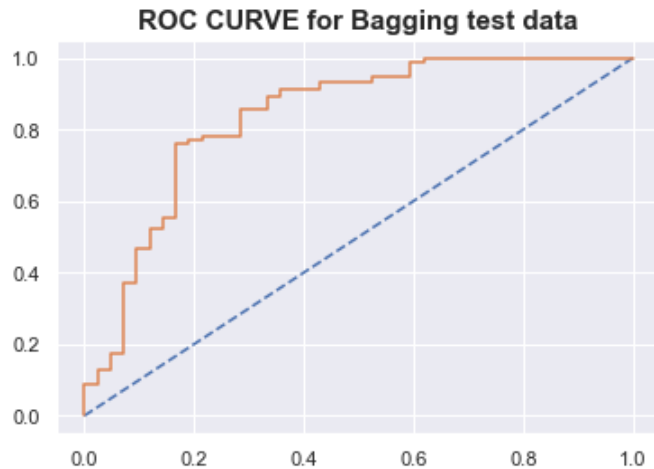
Accuracy on Bagging test data: 0.813432835820895

predict probabilities:

ROC_AUC score: 1.000



ROC_AUC score :0.836



#CROSS VALIDATION ON ALL THE ABOVE CREATED MODELS

#1.LOGISTIC REGRESSION:

```
array([0.87096774, 0.80645161, 0.74193548, 0.67741935, 0.80645161,
       0.80645161, 0.67741935, 0.77419355, 0.77419355, 0.80645161])
```

```
array([0.92857143, 0.78571429, 0.71428571, 0.85714286, 0.69230769,
       0.69230769, 0.84615385, 0.76923077, 0.84615385, 0.69230769])
```

LDA

```
from sklearn.model_selection import cross_val_score
scores = cross_val_score(LDA_model, X_train, y_train, cv=10)
```

```
array([0.92857143, 0.78571429, 0.64285714, 0.85714286, 0.69230769,
       0.69230769, 0.84615385, 0.84615385, 0.84615385, 0.69230769])
```

NAIVE BAYES

```
array([0.87096774, 0.77419355, 0.90322581, 0.67741935, 0.80645161,
       0.80645161, 0.67741935, 0.70967742, 0.83870968, 0.67741935])
```

```
array([0.92857143, 0.78571429, 0.71428571, 0.78571429, 0.76923077,
       0.76923077, 0.84615385, 0.84615385, 0.84615385, 0.61538462])
```

KNN

```
array([0.87096774, 0.83870968, 0.74193548, 0.83870968, 0.80645161,
       0.70967742, 0.70967742, 0.74193548, 0.74193548, 0.77419355])
```

```
array([0.85714286, 0.71428571, 0.64285714, 0.71428571, 0.84615385,
```

0.61538462, 0.84615385, 0.84615385, 0.76923077, 0.53846154])

ADA BOOSTING

array([0.83870968, 0.83870968, 0.80645161, 0.61290323, 0.77419355,
0.77419355, 0.64516129, 0.80645161, 0.74193548, 0.64516129])

array([0.92857143, 0.78571429, 0.85714286, 0.71428571, 0.69230769,
0.61538462, 0.84615385, 0.69230769, 0.76923077, 0.69230769])

GRADIENT BOOSTING

array([0.90322581, 0.80645161, 0.74193548, 0.67741935, 0.83870968,
0.77419355, 0.67741935, 0.80645161, 0.80645161, 0.67741935])
array([0.90322581, 0.80645161, 0.74193548, 0.67741935, 0.83870968,
0.77419355, 0.67741935, 0.80645161, 0.80645161, 0.67741935])

RANDOM FOREST

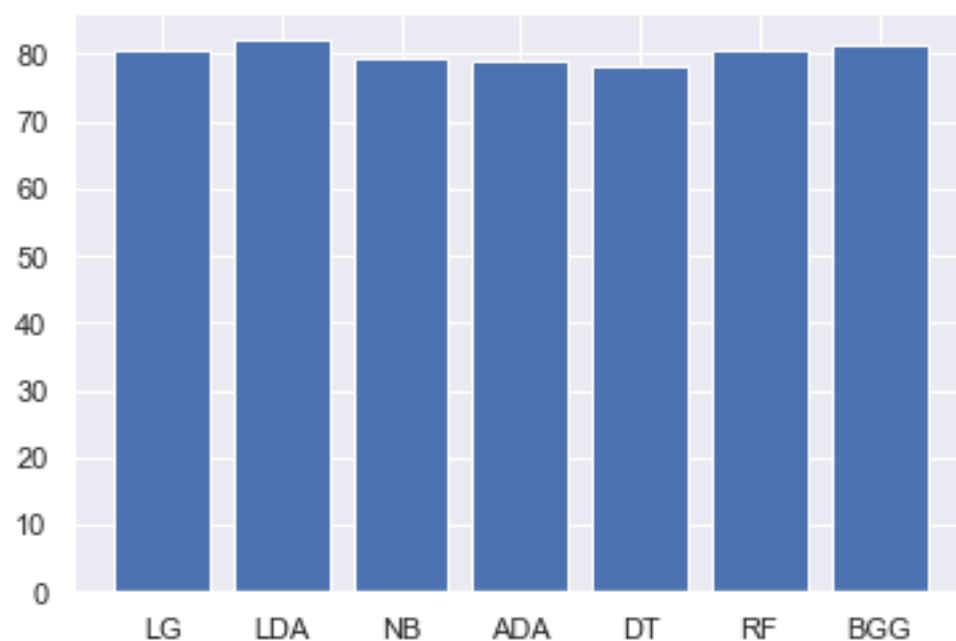
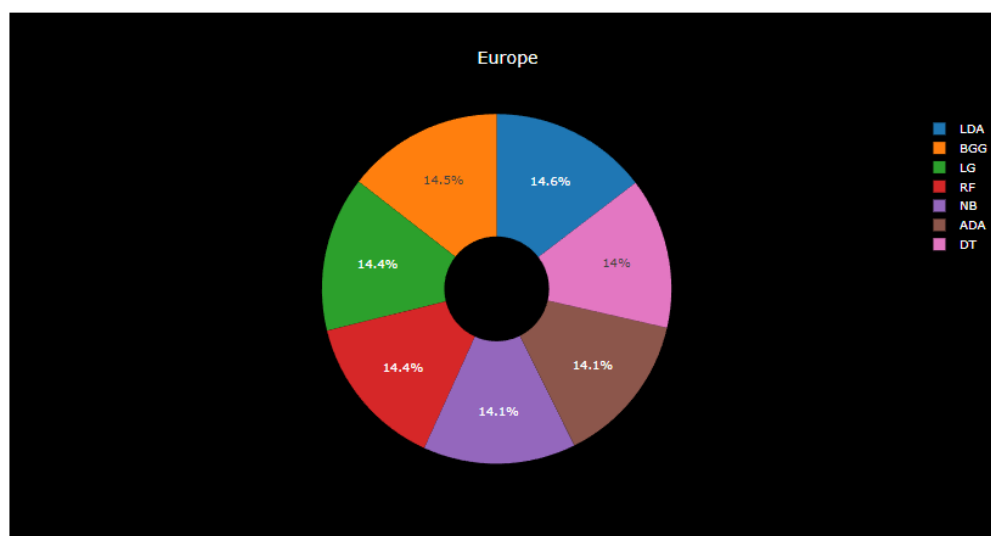
array([0.90322581, 0.83870968, 0.77419355, 0.74193548, 0.80645161,
0.74193548, 0.70967742, 0.74193548, 0.87096774, 0.74193548])
array([0.92857143, 0.78571429, 0.78571429, 0.71428571, 0.69230769,
0.53846154, 0.84615385, 0.84615385, 0.84615385, 0.92307692])

BAGGING ON RANDOM FOREST

rray([0.90322581, 0.87096774, 0.80645161, 0.77419355, 0.77419355,
0.80645161, 0.74193548, 0.74193548, 0.83870968, 0.67741935])

rray([1. , 0.78571429, 0.71428571, 0.71428571, 0.69230769,
0.69230769, 0.84615385, 0.84615385, 0.84615385, 0.69230769])

#1.4 Which model performs the best?



#1.5 What are your business insights?

Data has evidence of multicollinearity which needs to be dealt with. 10

- Data has an issue of minority sampling which needs to be addressed by apply SMOTE algorithm

- Amongst the three models – logistic regression, Bagging and RF seems to be the best model with wonderful sensitivity and specificity.
- However, by applying bagging, we can get much more realistic and reliable output.
- The increase in sensitivity can lead to improved efficiency and conversion in customer reach-out campaigns.

#2.1 Pick out the Deal (Dependent Variable) and Description columns into a separate data frame.

```
[nltk_data] Downloading package punkt to
[nltk_data]   C:\Users\rekha\AppData\Roaming\nltk_data...
[nltk_data] Package punkt is already up-to-date!
[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\rekha\AppData\Roaming\nltk_data...
[nltk_data] Package stopwords is already up-to-date!

1 nltk.download('stopwords')
2 nltk.download('punkt')

[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\rekha\AppData\Roaming\nltk_data...
[nltk_data] Package stopwords is already up-to-date!
[nltk_data] Downloading package punkt to
[nltk_data]   C:\Users\rekha\AppData\Roaming\nltk_data...
[nltk_data] Package punkt is already up-to-date!

True
```

DATASET/SAMPLE DATA

	deal	description	episode	category	entrepreneurs	location	website	askedFor	exchangeForStake	valuation	season	shark1
0	False	Bluetooth device implant for your ear.	1	Novelties	Darrin Johnson	St. Paul, MN	NaN	1000000	15	6666667	1	Barbara Corcoran
1	True	Retail and wholesale pie factory with two reta...	1	Specialty Food	Tod Wilson	Somerset, NJ	http://whybake.com/	460000	10	4600000	1	Barbara Corcoran
2	True	Ava the Elephant is a godsend for frazzled par...	1	Baby and Child Care	Tiffany Krumins	Atlanta, GA	http://www.avatheelephant.com/	50000	15	333333	1	Barbara Corcoran
3	False	Organizing, packing, and moving services deliv...	1	Consumer Services	Nick Friedman, Omar Soliman	Tampa, FL	http://collegehunkshaulingjunk.com/	250000	25	1000000	1	Barbara Corcoran
4	False	Interactive media centers for healthcare waiti...	1	Consumer Services	Kevin Flannery	Cary, NC	http://www.wispots.com/	1200000	10	12000000	1	Barbara Corcoran

#Checking Null Values.

deal 0


```

description      0
episode          0
category         0
entrepreneurs    0
location         0
website          0
askedFor         0
exchangeForStake 0
valuation        0
season           0
shark1           0
shark2           0
shark3           0
shark4           0
shark5           0
title            0
episode-season   0
Multiple Entrepreneuers 0
dtype: int64

```

#Pick out the Deal (Dependent Variable) and Description columns into a separate data frame:

	deal	description
1	True	Retail and wholesale pie factory with two reta...
2	True	Ava the Elephant is a godsend for frazzled par...
3	False	Organizing, packing, and moving services deliv...
4	False	Interactive media centers for healthcare waiti...
5	True	One of the first entrepreneurs to pitch on Sha...
...
490	True	Zoom Interiors is a virtual service for interi...
491	True	Spikeball started out as a casual outdoors gam...
492	True	Shark Wheel is out to literally reinvent the w...
493	False	Adriana Montano wants to open the first Cat Ca...
494	True	Sway Motorsports makes a three-wheeled, all-el...

387 rows × 2 columns

#Create two corpora, one with those who secured a Deal, the other with those who did not secure a deal.

#Info:

```

<class 'pandas.core.frame.DataFrame'>
Int64Index: 387 entries, 1 to 494
Data columns (total 2 columns):
#   Column      Non-Null Count  Dtype
---  ---
0    deal        387 non-null    object
1   description  387 non-null    object
dtypes: object(2)
memory usage: 9.1+ KB

```

	deal	description
1	True	Retail and wholesale pie factory with two reta...
2	True	Ava the Elephant is a godsend for frazzled par...
3	False	Organizing, packing, and moving services deliv...
4	False	Interactive media centers for healthcare waiti...
5	True	One of the first entrepreneurs to pitch on Sha...

```

<class 'pandas.core.frame.DataFrame'>
Int64Index: 204 entries, 1 to 494
Data columns (total 2 columns):
#   Column      Non-Null Count  Dtype
---  ---
0    deal        204 non-null    object
1   description  204 non-null    object
dtypes: object(2)
memory usage: 4.8+ KB

```

	deal	description
count	204	204
unique	1	203
top	True	Echo Valley Meats is a retail, online gift cat...
freq	204	2

True Head sample dataset:

```
1 df_true.head()
```

	deal	description
1	True	Retail and wholesale pie factory with two reta...
2	True	Ava the Elephant is a godsend for frazzled par...
5	True	One of the first entrepreneurs to pitch on Sha...
12	True	A line of books written to help children find ...
16	True	Coverplay is a slipcover for children's play y...

```
1 df_true.drop(["deal"],axis=1,inplace=True)
2 df_true
```

	description
1	Retail and wholesale pie factory with two reta...
2	Ava the Elephant is a godsend for frazzled par...
5	One of the first entrepreneurs to pitch on Sha...
12	A line of books written to help children find ...
16	Coverplay is a slipcover for children's play y...
...	...
489	SynDaver Labs makes synthetic body parts for u...
490	Zoom Interiors is a virtual service for interi...
491	Spikeball started out as a casual outdoors gam...
492	Shark Wheel is out to literally reinvent the w...
494	Sway Motorsports makes a three-wheeled, all-el...

204 rows × 1 columns

True Corpus 50302

False Corpus 34899

Info:

<class 'pandas.core.frame.DataFrame'>

Int64Index: 204 entries, 1 to 494

Data columns (total 2 columns):

#	Column	Non-Null Count	Dtype
---	--------	----------------	-------

--- -----

0	description	204 non-null	object
---	-------------	--------------	--------

1	chars	204 non-null	object
---	-------	--------------	--------

dtypes: object(2)

memory usage: 4.8+ KB

['i', 'me', 'my', 'myself', 'we', 'our', 'ours', 'ourselves', 'you', "you're", "you've", "you'll", "you'd", 'your', 'yours', 'yourself', 'yourselves', 'he', 'him', 'his', 'himself', 'she', "she's", 'her', 'hers', 'herself', 'it', "it's", 'its', 'itself', 'they', 'them', 'their', 'theirs', 'themselves', 'what', 'which', ']

who', 'whom', 'this', 'that', 'that'll', 'these', 'those', 'am', 'is', 'are', 'was', 'were', 'be', 'been', 'being', 'have', 'has', 'had', 'having', 'do', 'does', 'did', 'doing', 'a', 'an', 'the', 'and', 'but', 'if', 'or', 'because', 'as', 'until', 'while', 'of', 'at', 'by', 'for', 'with', 'about', 'against', 'between', 'into', 'through', 'during', 'before', 'after', 'above', 'below', 'to', 'from', 'up', 'down', 'in', 'out', 'on', 'off', 'over', 'under', 'again', 'further', 'then', 'once', 'here', 'there', 'when', 'where', 'why', 'how', 'all', 'any', 'both', 'each', 'few', 'more', 'most', 'other', 'some', 'such', 'no', 'nor', 'not', 'only', 'own', 'same', 'so', 'than', 'too', 'very', 's', 't', 'can', 'will', 'just', 'don', "don't", 'should', 'should've', 'now', 'd', 'll', 'm', 'o', 're', 've', 'y', 'ain', 'aren', 'aren't', 'couldn', "couldn't", 'didn', "didn't", 'doesn', "doesn't", 'hadn', "hadn't", 'hasn', "hasn't", 'haven', "haven't", 'isn', "isn't", 'ma', 'mightn', "mightn't", 'mustn', "mustn't", 'needn', "needn't", 'shan', "shan't", 'shouldn', "shouldn't", 'wasn', "wasn't", 'weren', "weren't", 'won', "won't", 'wouldn', "wouldn't"]

True:

['Retail', 'wholesale', 'pie', 'factory', 'two', 'retail', 'locations', 'New', 'Jersey', '.']

['Ava', 'Elephant', 'godsend', 'frazzled', 'parents', 'young', 'children', 'everywhere', '.', 'This', 'talking', 'medicine', 'dispenser', 'makes', 'easy', 'administer', 'medicine', 'little', 'ones', 'turning', 'experience', 'playful', 'providing', 'positive', 'reinforcement', '.']

['One', 'first', 'entrepreneurs', 'pitch', 'Shark', 'Tank', ',', 'Susan', 'Knapp', 'presented', 'A', 'Perfect', 'Pear', ',', 'line', 'pear-focused', 'gourmet', 'food', 'products', '.', 'Sold', 'across', '650', 'retail', 'stores', ',', 'Perfect', 'Pear', 'product', 'portfolio', 'includes', 'jams', ',', 'jellies', ',', 'spreads', ',', 'tapenades', ',', 'vinegars', ',', 'marinades', ',', 'dressings', 'many', 'others', ',', 'designed', 'showcase', 'flavors', 'health', 'benefits', 'pears', '.']

['A', 'line', 'books', 'written', 'help', 'children', 'find', 'inner', 'calm', '.']

['Coverplay', 'slipcover', 'children', '"s", 'play', 'yards', '.', 'Much', 'like', 'mattress', ',', 'play', 'yards', 'ca', "n't", 'laundered', ',', 'yet', 'babies', 'children', 'spend', 'lots', 'time', ',', 'guess', 'leads', '.', 'Coverplay', 'rescue', '!', 'Fitting', 'snugly', 'standard', 'size', 'play', 'yards', ',', 'Coverplay', 'offers', 'quick', 'solution', 'add', 'another', 'layer', 'protection', 'child', 'germ-harboring', 'surface', 'play', 'yard', '.', 'Made', '95', '%', 'cotton', '5', '%', 'Lycra', ',', 'Coverplay', 'machine-washable', 'easy', 'maintain', '.', 'Indeed', ',', 'throwing', 'Coverplay', 'slipcover', 'wash', 'much', 'easier', 'trying', 'remove', 'spill', '"s", 'gone', 'directly', 'onto', 'play', 'yard', '.', 'With', 'bright', 'stylish', 'designs', ',', '"ll", 'also', 'make', 'play', 'yard', 'look', 'good', 'new', '.']

['A', 'web-based', 'company', 'buys', 'back', 'sells', '10', '%', 'unused', 'gift', 'cards', 'year', 'U.S', '.']

['An', 'online', 'journaling', 'service', 'focused', 'facilitating', 'users', '"', 'progress', 'towards', 'achieving', 'maintaining', 'emotional', 'well-being', '.']

['Made-to-order', 'energy', 'bars', 'made', 'whole', ',', 'natural', 'ingredients', '.', 'Customers', 'choose', 'ingredients', 'go', 'highly', 'personalized', 'bars', '.']

['Sells', 'award-winning', 'barbecue', 'spice', 'rub', 'products', '.']

['Stainless', 'steel', 'identifying', 'charms', 'stick', 'food', 'grill', '.']

['A', 'wheat-free', 'soy-based', 'modeling', 'clay', ',', 'designed', 'children', 'wheat', 'allergies', '.']

['A', 'web', 'site', 'allows', 'college', 'students', 'buy', 'sell', 'class', 'notes', 'study', 'guides', '.']

['Women', '"s", 'apparel', 'specially', 'designed', 'sizes', '12', '18', '.']

['A', 'healthier', 'line', 'carbonated', 'beverages', 'featuring', 'organic', 'ingredients', ',', 'vita
mins', ',', 'antioxidants', ',', '85', 'calories', 'per', '.']

['A', 'faux', 'golf', 'club', 'looks', 'like', '7', 'iron', 'conceals', 'urine', 'reservoir', ',', 'times', 'gol
fers', 'need', 'relieve', 'restroom', 'nearby', '.']

['An', 'online', 'service', 'allowing', 'high', 'school', 'athletes', 'parents', 'profile', 'skills', 'mar
ket', 'colleges', '.']

['Salad', 'dressings', 'using', 'tasty', 'blend', 'all-natural', 'spices', 'seasonings', '.']

['Designer', 'helmets', ',', 'The', 'company', 'owns', 'utility', 'patent', 'place', '3D', 'designs', '
motorcycle', 'helmets', 'well', 'kind', 'sporting', 'helmet', '.']

['Individually-packaged', 'degreasing', 'cleaning', 'wipes', 'formulated', 'cyclists', 'easily', 'r
emove', 'grease', 'grime', 'working', 'bicycles', '.']

['A', 'way', 'save', 'lipstick', 'gets', 'stuck', 'bottom', 'tube', '.']

['Move', ',', 'Legos', '!', 'Qubits', 'new', 'construction', 'toy', 'kids', ',', 'Recommended', 'ages
, '4', '16', ',', 'even', 'adults', 'could', 'fun', 'new', 'shapes', ',', 'Created', 'independent', 'inve
ntor', ',', 'Qubits', 'encourage', 'exploration', 'engineering', ',', 'architecture', ',', 'geometry',
'design', ',', 'Unlike', 'Lincoln', 'Logs', 'Tinker', 'Toys', ',', 'even', 'Legos', 'recent', 'years', ',',
"s", 'pre-determined', 'plan', 'follow', 'Qubits', ',', 'imagination', ',', 'Parents', 'also', 'apprec
iate', 'Qubits', 'dishwasher-safe', '!', 'Qubits', '100', '%', 'made', 'USA', '.']

['A', 'reinvented', 'umbrella', 'hands-free', ',', 'impossible', 'invert', ',', 'protects', 'user', 'win
d', 'chill', '.']

['Collar', 'stays', ':', 'ca', "n't", 'live', "em", ',', 'ca', "n't", 'live', 'without', "em", ',', 'For', 'man'
, 'struggled', 'keep', 'collars', 'pert', 'upright', ',', 'suffered', 'constant', 'shifting', 'plastic', 'co
llar', 'stays', ',', "s", 'Wurkin', 'Stiffs', ',', 'This', 'company', 'makes', 'men', "s", 'accessories
, 'long', 'haul', ',', 'offering', 'solutions', 'common', 'inconveniences', 'men', "s", 'apparel', '.
, 'The', 'Wurkin', 'Stiffs', 'signature', 'product', 'Power', 'Stays', ',', 'kept', 'securely', 'place',
'strong', 'magnets', ',', 'While', 'Power', 'Stays', 'made', 'men', "s", 'dress', 'shirts', ',', 'com
pany', 'also', 'produces', 'Polo', 'Stays', 'keep', 'polo', 'shirts', 'looking', 'crisp', ',', 'Wurkin', '
stiffs', 'expanded', 'offer', 'full', 'suite', 'men', "s", 'accessories', ',', 'including', 'cufflinks', ',',
'RFID', 'wallets', ',', 'money', 'clips', ',', 'tie', 'bars', ',', 'travel', 'bags', '.']

['Dance', 'education', 'centers', 'children', '.']

['Allergy', 'season', 'bringing', '?', 'Maybe', "s", 'time', 'give', 'First', 'Defense', 'Nasal', 'Scr
eens', 'try', ',', 'These', 'screens', 'ward', 'allergies', 'without', 'medication', ',', 'First', 'Defen
se', 'Nasal', 'Screens', 'self-adhesive', 'strips', 'attach', 'nose', 'cover', 'nasal', 'passage', ',',
, 'They', 'filter', 'air', 'coming', 'nose', 'keeps', 'allergens', ',', 'This', 'product', 'tested', 'signif
icantly', 'reduce', '99', '%', 'particles', '10', 'microns', ',', 'Even', 'sub', 'micron', 'levels', 'sho
wn', 'effective', '77', '%', '.']

['Mod', 'Mom', 'Furniture', 'stylish', ',', 'high-quality', ',', 'made-to-order', 'furniture', 'childre
n', "s", 'bedrooms', 'playrooms', ',', 'These', 'carefully', 'crafted', 'pieces', 'long-lasting', ',',
'serve', 'child', 'many', 'years', ',', 'The', 'company', 'founded', 'eponymous', 'mom', 'dissati
sfied', 'current', 'offerings', 'market', ',', 'expensive', 'uninspired', ',', 'Mod', 'Mom', 'Furnitur
e', 'sources', 'eco-friendly', 'materials', ',', 'including', 'sustainable', 'formaldehyde-free', 'w
ood', 'varnishing', 'products', '.']

['FlipOutz', 'flexible', 'silicon', 'bracelets', 'hold', 'five', 'coins', 'choosing', ',', 'Kids', 'person
alize', 'Flip', 'Outz', 'five', 'numerous', 'available', 'choices', ',', 'You', 'also', 'swap', 'coins', ',

, 'trade', 'friends', ',', 'even', 'set', 'online', 'profile', 'lets', 'show', 'coins', 'see', 'traded', 'coins', 'traveled', 'time', '.']

['A', 'country-style', 'apparel', 'store', 'sold', 'Sports', 'Authority', ',', 'truck', 'stops', 'travel', 'plazas', '.']

['A', 'children', '"s", 'seat', 'attachable', 'luggage', 'instantly', 'converts', 'travel', 'stroller', '.']

['A', 'rubber', 'band', 'works', 'money', 'clip', '.']

['Light-up', 'decals', 'car', 'windows', '.']

['A', 'magnetic', 'skin', 'decorative', 'finish', 'applied', 'appliance', '.']

['A', 'new', 'kind', 'broom', 'built-in', 'scraper', '.']

['Cakes', 'made', 'scratch', 'family', 'recipes', '.', 'They', 'ship', 'nationwide', 'orders', 'placed', 'online', '.']

['An', 'impact-resistant', 'hydration', 'system', 'attaches', 'shoulder', 'pads', ',', 'aimed', 'football', 'players', 'training', '.']

['The', 'Rocket', ',', 'company', '"s", 'flagship', 'product', ',', 'turn', 'anything', 'speaker', 'vibrations', '.']

['Hy-Conn', 'super-fast', 'connector', 'fire', 'hydrants', 'garden', 'hoses', '.', 'The', 'Pro', 'Edition', 'connected', 'fire', 'hydrant', 'without', 'use', 'adapters', 'tools', '.', 'The', 'Home', 'edition', 'garden', 'hoses', '.']

['The', 'patented', 'CitiKitty', 'Cat', 'Toilet', 'Training', 'Kit', 'uses', 'proven', ',', 'disappearing', 'litter', 'box', 'technique', 'successfully', 'toilet', 'trained', 'cats', 'decades', '.', 'CitiKitty', '"s", 'specially-designed', 'training', 'seat', 'fits', 'ALL', 'toilets', 'transitions', 'cats', 'age', ',', 'size', ',', 'breed', 'litter', 'box', 'toilet', '.', 'Any', 'healthy', 'cat', ',', 'three', 'months', 'age', 'older', 'successfully', 'using', 'litter', 'box', 'candidate', 'toilet', 'training', '.']

['Shoes', 'interchangeable', 'uppers', 'allowing', 'user', 'easily', 'vary', 'look', '.']

['Aldo', 'Orta', 'Jewelry', 'makes', 'fashion', 'jewelry', 'royal', 'theme', '.']

['A', 'water', 'container', 'unscrews', 'bottom', 'well', 'top', 'ease', 'cleaning', '.']

['A', 'website', 'people', 'pre-purchase', 'night', 'town', 'without', 'fear', 'getting', 'turned', 'away', 'venue', '.']

['An', 'online', 'service', 'people', 'buy', 'made-to-order', 'cartoon', 'drawings', 'cats', ',', 'posted', 'website', '.']

['Chord', 'Buddy', 'one-of-a-kind', 'learning', 'system', 'guitar', 'gets', 'playing', 'day', 'one', '.', 'Attach', 'tabs', 'acoustic', 'electric', 'guitar', '(', 'right-handed', ',', 'sorry', '!', ')', '"re", 'ready', 'make', 'music', '.', 'Chord', 'Buddy', 'basically', 'turns', 'real-life', 'guitar', 'one', 'easy', 'play', 'favorite', 'Rock', 'Band', 'Guitar', 'Hero', 'games', '.', 'One', 'time', ',', 'remove', 'hite', 'tabs', 'learn', 'play', 'chords', '.', 'Using', 'included', 'instruction', 'book', ',', 'songbook', ',', 'DVD', 'two-month', 'lesson', 'plan', ',', 'learn', '100', 'songs', '!']

['You', 'Smell', 'Soap', 'luxurious', 'without', 'taking', 'seriously', '.', 'Made', 'natural', 'ingredients', 'like', 'shea', 'butter', 'olive', 'oil', ',', 'You', 'Smell', 'Soap', 'fragrant', 'yet', 'gentle', 'soothing', 'skin', '.', 'Made', 'shea', 'butter', 'olive', 'oil', ',', 'bars', 'create', 'unmatched', 'soft', 'creamy', 'lather', '.', 'You', 'Smell', 'Soap', 'naturally', 'fragrant', 'yet', 'gentle', 'soothing', 'skin', '.', 'Each', 'bar', 'comes', 'wrapped', 'signature', '`', 'You', 'Smell', '""', 'packaging', 'vintage-inspired', 'truly', 'conversation-sparking', '.', 'You', 'Smell', 'Soap', 'vegan', 'free', 'parabens', ',', 'phthalates', ',', 'gluten', '.']

['Wine', 'Balloon', '(', 'sold', 'name', 'Air', 'Cork', ')', 'A', 'product', 'preserves', 'wine', 'inside', 'already-opened', 'bottle', '.', 'It', 'works', 'inflating', 'balloon', 'inside', 'bottle', 'crowd', 'air', 'prevent', 'contact', 'wine', '.']

['A', 'towel', 'designed', 'like', 'poncho', 'kids', 'change', 'wet', 'bathing', 'suits', 'without', 'anyone', 'seeing', '.']

['A', 'water-resistant', ',', 'even', 'better', ',', 'raccoon-resistant', 'fabric', 'cover', 'garbage', 'bins', 'sizes', '.']

['Designer', 'whole-leaf', 'teas', 'accessories', '.']

['Adjustable', 'necklaces', 'bracelets', 'interchangeable', 'accents', 'kids', 'adults', 'ages', '.']

['The', 'Painted', 'Pretzel', 'sells', 'creative', ',', 'gourmet', 'chocolate-covered', 'pretzel', 'confections', 'brick-and-mortar', 'retail', 'stores', 'online', '.', 'The', 'business', 'offers', 'pretzel', 'knots', ',', 'pretzel', 'rods', ',', 'pretzel', 'bark', 'pretzel', 'turtles', 'variety', 'flavors', 'sizes', ',', 'configured', 'bundles', 'samplers', '.', 'The', 'company', 'also', 'expanded', 'corporate', 'gifts', ',', 'count', 'numerous', 'Fortune', '500', 'companies', 'among', 'customers', '.', 'Since', 'appearing', 'show', ',', 'The', 'Painted', 'Pretzel', 'also', 'begun', 'fundraising', 'business', '.', 'Organizations', 'seeking', 'raise', 'money', 'buy', 'customized', 'pretzels', 'resale', 'towards', 'cause', '.']

['ReadeREST', 'magnetized', 'clip', 'holds', 'eyewear', '"s", 'use', '.', 'It', 'works', 'reading', 'glasses', ',', 'sunglasses', ',', 'even', 'non-eyewear', 'items', 'might', 'need', 'keep', 'close', 'hand', ',', 'like', 'work', 'ID', 'maybe', 'pen', '.', 'You', 'skip', 'granny', 'chains', 'lanyards', 'simply', 'attach', 'ReadeREST', 'shirt', '.', 'The', 'strong', 'magnets', 'keep', 'clip', 'securely', 'place', ',', 'V-shape', 'provides', 'convenient', 'resting', 'place', 'items', 'always', 'going', 'as tray', '.']

['The', 'Smart', 'Baker', 'known', 'insightfully', 'helpful', 'kitchen', 'tools', '.', 'The', 'company', 'known', 'collapsible', 'cupcake', 'stands', ',', 'display', '100', 'cupcakes', 'stores', 'flat', 'use', '.', 'These', 'cupcake', 'stands', 'also', 'adjustable', ',', 'adapt', 'configuration', 'based', 'many', 'treats', 'plan', 'serve', '.', 'The', 'Smart', 'Baker', 'also', 'brought', 'us', 'pre-cut', 'parchment', 'paper', ',', 'purchase', 'round', 'rectangular', 'shapes', 'according', 'molds', '"11", 'using', '.', 'These', 'super', 'helpful', 'pre-cut', 'sheets', 'outfitted', 'tabs', 'poke', 'sides', ',', 'use', 'lift', 'cake', 'mold', 'done', '.', 'You', 'might', 'also', 'know', 'The', 'Smart', 'Baker', 'cheat', 'sheet', 'aprons', ',', 'adorned', 'useful', 'measuring', 'conversion', 'tables', '.', 'These', 'aprons', 'save', 'stains', ',', 'spills', ',', 'measuring', 'mistakes', '.']

['Kisstixx', 'fun', 'lip', 'balm', 'comes', 'pairs', 'according', 'compatible', 'flavors', '.', 'Each', 'Kisstixx', 'lipstick', '(', 'try', 'saying', 'three', 'times', 'fast', ')', 'packs', 'punch', 'flavor', ',', '"re", 'paired', 'mix', 'well', 'come', 'together', 'kiss', '.', 'Best', ',', 'lip', 'balm', 'keeps', 'lips', 'protected', 'moisturized', '.', 'Wear', 'every', 'day', 'stay', 'kissable', '!']

['Nardo', '"s", 'Natural', 'line', 'premium-quality', 'organic', 'skin', 'care', 'products', 'proudly', 'made', 'USA', '.', 'Their', 'products', 'range', 'facial', 'care', ',', 'body', 'care', ',', 'make-up', ',', 'even', 'line', 'men', '.', 'Always', 'made', 'premium', 'materials', ',', '"11", 'find', 'things', 'like', 'coconut', 'oil', ',', 'shea', 'butter', ',', 'bentonite', 'clay', ',', 'acai', 'berry', 'pomegranate', 'among', 'ingredients', '.', 'Just', 'important', 'won't', 'find', '.', 'Nardo', '"s", 'Natural', 'products', 'free', 'parabens', ',', 'dyes', ',', 'gluten', 'harsh', 'chemicals', '.', 'Nardo', '"s", 'Natural', 'offers', 'facial', 'cleansers', ',', 'anti-aging', 'creams', ',', 'make-up', ',', 'body', 'washes', ',',

'exfoliants', ',', 'moisturizers', ',', 'even', 'shave', '.', 'The', 'company', 'also', 'offers', 'private', 'label', 'contract', 'manufacturing', 'services', 'businesses', 'up-and-coming', 'cosmetics', 'businesses', '.']

['Fashion-forward', 'edgy', 'jewelry', 'headpieces', ',', 'body', 'jewelry', ',', 'shoe', 'jewelry', '.']

['Stand-up', 'paddle', 'boarding', 'products', '.']

['A', 'line', 'fully-protective', 'fashionable', 'safety', 'gear', 'people', 'ride', 'scooters', 'motorcycles', '.']

['NailPak', 'Duality', 'Cosmetics', 'portable', 'manicure', 'solution', 'touching', 'story', '.', 'A', 'mother', "'s", 'bonding', 'ritual', 'daughters', 'turned', 'commercial', 'success', ',', 'NailPak', 'came', 'evenings', 'together', 'spent', 'others', "'", 'nails', '.', 'They', 'came', 'NailPak', ',', 'self-contained', 'package', 'combines', 'nail', 'polish', 'polish', 'remover', 'along', 'pads', 'file', '.']

['Lollacup', 'one', 'well-engineered', 'sippy', 'cup', '.', 'It', 'comes', 'valve-free', ',', 'weighted', 'straw', 'small', 'children', 'easily', 'learn', 'drink', ',', 'even', 'Lollacup', 'tilted', '.', 'The', 'cup', 'also', 'handles', 'easy', 'gripping', ',', 'removable', 'case', 'Lollacup', 'needs', 'put', 'cupholder', '.', 'Made', 'USA', ',', 'Lollacup', 'also', 'dishwasher', 'safe', 'made', 'materials', 'FDA-approved', 'used', 'young', 'children', '.']

['An', 'online', 'store', 'customizable', 'bicycles', '.']

['A', 'fun', ',', 'all-inclusive', 'dance', 'workout', 'people', 'ages', ',', 'shapes', 'sizes', '.']

['Now', 'business', 'Wild', 'Friends', 'brand', ',', 'enterprising', 'college', 'students', 'went', 't', 'ank', 'wholesome', 'creatively', 'flavored', 'line', 'nut', 'butters', '.', 'Their', 'all-natural', 'nut', 'butters', 'come', 'delightful', 'flavor', 'combinations', 'honey', 'pretzel', ',', 'cinnamon', 'raisin', ',', 'sesame', 'cranberry', ',', 'chocolate', 'coconut', ',', 'vanilla', 'espresso', '.', 'Ca', "n't", 'decide', 'nut', 'butter', '?', 'Wild', 'Friends', 'offers', 'variety', 'packs', '.', 'Want', 'nut', 'butter', 's', 'go', '?', 'They', 'come', 'travel-friendly', 'single', 'serve', 'sizes', '.', 'These', 'days', ',', 'Wild', 'Friends', 'sells', 'peanut', 'butter', ',', 'almond', 'butter', ',', 'sunbutter', 'products', 'online', 'major', 'food', 'retailers', 'across', 'US', '.']

['Socially-conscious', ',', 'recyclable', 'sneakers', '.']

['UniKey', 'provides', 'smart', 'lock', 'system', 'called', 'Kevo', 'works', 'smartphones', 'specially-made', 'Kevo', 'fob', '.']

['Non-toxic', 'bedbug', 'glue', 'traps', '.']

['A', 'belt', 'featuring', 'buckle', 'opens', 'make', 'beverage', 'holder', '.']

['Surf-inspired', 'exercise', 'equipment', 'group', 'fitness', 'classes', '.']

['A', 'patent-pending', 'strap', 'keeps', 'wearer', "'s", 'posture', 'perfect', '.']

['A', 'way', 'wear', 'healing', 'stones', 'around', 'wrist', 'make', 'fashion', 'statement', '.']

['Back', '9', 'Dips', 'buffalo', 'chicken', 'dips', 'created', 'white', 'meat', 'chicken', 'breasts', 'along', 'wing', 'dipping', 'sauces', '.']

['An', 'exoskeleton', 'device', 'gives', 'structure', 'plastic', 'zipper', 'bag', 'create', 'handy', 'sturdy', 'bowl', '.']

['Pillowcase', 'dresses', 'grow', 'alongside', 'kids', ',', 'tied', 'ribbons', 'allow', 'height', 'adjusted', '.']

['If', "n't", 'like', 'swallow', 'pills', ',', 'may', 'feel', 'like', "n't", 'wellness', 'supplements', '.', 'Marz', 'Sprays', 'came', 'solution', '.', 'Their', 'supplements', 'designed', 'packaged', 'oral', 's

prays', ' ', 'Just', 'spritz', 'mouth', '"re"', 'good', 'go', ' ', 'Marz', 'Sprays', 'five', 'different', 'sprays', 'offer', ' ', 'ReBoot', ' ', 'Restorative', ' ', 'C-Spray', ' ', 'Slim', ' ', 'Juicy', ' ', 'C-Spray', 'top-seller', ' ', 'blend', 'Vitamin', 'C', ' ', 'Vitamin', 'B-12', ' ', 'Vitamin', 'D', ' ', 'Echinacea', 'ingredients', 'chosen', 'boost', 'immune', 'system', ' ', 'There', 'Marz', 'Sprays', 'cover', 'anything', 'might', 'want', 'supplement', ' ', 'Sleep', 'Spray', 'helps', 'relax', 'restful', 'slumber', ' ', 'ReBoot', 'wakes', 'caffeine', ' ', 'Slim', 'formulated', 'help', 'weight', 'loss', ' ', 'Meanwhile', ' ', 'Juicy', 'general', 'multi-vitamin', 'supplement', '"s"', 'designed', 'take', 'small', ' ', 'multiple', 'doses', 'throughout', 'day', ' ']

['Protein-infused', 'flavored', 'water', ' ']

['A', 'lobster', 'roll', 'food', 'truck', 'run', 'two', 'cousins', 'originally', 'Maine', ' ', 'operating', 'Southern', 'California', ' ']

['Focus', 'Designs', 'maker', 'self-balancing', 'unicycle', ' ', 'SBU', 'short', ' ', 'The', 'SBU', 'battery-powered', 'unicycle', 'built-in', 'sensors', 'keep', 'rider', 'balanced', 'moving', 'forward', 'need', 'pedaling', ' ', 'The', 'rider', 'controls', 'SBU', 'natural', 'leaning', 'motions', ' ', 'according', 'company', ' ', 'takes', '20-30', 'minutes', 'learn', ' ', 'The', 'SBU', 'strong', 'yet', 'lightweight', ' ', 'supporting', '300', 'lbs', ' ', 'mere', '27-pound', 'frame', 'accelerating', '10mph', '3', 'seconds', ' ', 'The', 'SBU', 'reaches', 'max', 'speed', '12.5', 'mph', 'take', 'hills', '30', '%', 'grade', ' ']

['A', 'plastic', 'lid', 'turn', 'plate', 'airtight', 'container', 'food', 'storage', ' ']

['Cool', 'Wazoo', 'cover', 'redirects', 'heat', 'back', 'source', 'serving', 'five', 'different', 'functions', ' ', 'It', 'swing', 'cover', ' ', 'high', 'chair', 'cover', ' ', 'shopping', 'cart', 'cover', ' ', 'car', 'shade', 'changing', 'pad', ' ']

['Ice', 'Chips', 'sugar-free', 'hard', 'candy', 'sweetened', 'Xylitol', 'smashed', 'bits', 'distinctive', ' ', 'ice', 'chips', ' ', 'shape', ' ', 'The', 'business', 'run', 'two', 'enterprising', 'friends', ' ', 'Bev', 'Vines-Haines', 'Charlotte', 'Clary', ' ', 'years', 'friendship', 'worked', 'tons', 'ideas', 'projects', 'finally', 'coming', 'across', 'Ice', 'Chips', ' ', 'These', 'two', 'grandmothers', '37', 'grandchildren', 'wanted', 'make', 'candy', 'healthy', 'yet', 'tasted', 'good', 'enough', 'brood', 'would', 'like', ' ']

['Costumes', 'instantaneously', 'transform', 'wearer', 'human', 'motorized', 'vehicle', ' ']

['Caffeine-free', 'nutrition', 'shot', 'designed', 'tested', 'special', 'ops', 'forces', ' ']

['A', 'company', 'rents', 'live', ' ', 'potted', 'Christmas', 'trees', 'eco-friendly', 'good-spirited', 'alternative', 'cut', 'trees', ' ']

['A', 'kid-friendly', 'cappuccino', 'bar', 'parents', 'children', 'enjoy', ' ']

['Prepackaged', ' ', 'peel-off', 'face', 'paint', 'wide', 'variety', 'designs', ' ']

['Professional-quality', 'hair', 'care', 'products', 'children', 'without', 'harsh', 'chemicals', ' ']

['A', 'washer', 'dryer', 'bag', 'specifically', 'designed', 'protect', 'children', '"s"', 'beloved', 'stuffed', 'animals', 'damage', 'wash', ' ']

['Urbio', 'innovative', 'modular', 'solution', 'urban', 'gardening', 'small', 'space', 'organization', ' ', 'Made', 'light-weight', 'durable', 'polypropylene', 'plastic', 'neodymium', 'magnets', ' ', 'Urbio', 'recyclable', 'product', 'available', 'variety', 'vessel', 'sizes', ' ']

['Coffee', 'Joulies', 'inventive', 'new', 'way', 'keep', 'coffee', 'ideal', 'temperature', 'hours', ' ', 'Simply', 'drop', 'silver-colored', ' ', 'beans', ' ', 'coffee', 'absorb', 'heat', 'hot', ' ', 'later', 'release', 'heat', 'drink', 'cools', ' ', 'Coffee', 'Joulies', 'get', 'coffee', 'ready', 'drink', '(', 'without', 'burning', 'tongue', ')', 'sooner', 'keep', 'comfortably', 'hot', 'five', 'hours', ' ', 'Coffee', 'Jou

lies', 'use', 'non-toxic', 'proprietary', '``', 'phase', 'change', 'material', '""', 'encased', 'foods', 'afe', 'stainless', 'steel', 'shells', '.,', 'The', 'material', 'absorbs', 'heat', '140', 'degrees', 'Fahr', 'enheit', 'releases', 'heat', 'threshold', '.,', 'The', 'set', 'Coffee', 'Joules', 'includes', 'five', 'Jo', 'ules', 'carrying', 'pouch', '.,']

['A', 'magnetic', '.,', 'power-free', 'sound', 'amplifier', 'iPad', '.,']

['Grinds', '.,', 'Grinds', 'Coffee', 'Pouches', '.,', 'small', 'pouches', 'flavored', 'coffee', '.,', 'Grin', 'ds', 'tobacco-', 'nicotine-free', 'product', '.,']

['A', 'pillowcase', 'built-in', 'hood', 'added', 'coziness', '.,', 'Also', 'available', 'inflatable', 'trav', 'el', 'pillow', '.,']

['A', 'chain', 'quick-service', 'establishments', 'selling', 'quality', 'made-to-order', 'sushi', 'ro', 'lls', '.,']

['A', 'device', 'reducing', 'distracted', 'driving', 'behaviors', '.,', 'Smartwheel', 'built', 'vehicle', 's', 'steering', 'wheel', 'alerts', 'drivers', 'engage', 'unsafe', 'driving', 'positions', '.,']

['Nuts', '"N"', 'More', 'line', 'high-protein', 'nut', 'butters', '.,', 'fortified', 'whey', 'isolate', 'protei', 'n', 'flaxseed', 'never', 'added', 'sugars', '.,', 'Choose', 'peanut', 'butter', '.,', 'almond', 'butter', '.,', 'even', 'sesame', 'butter', '.,', 'plain', 'blended', 'delicious', 'unexpected', 'flavor', 'combi', 'nations', '.,', 'including', 'Toffee', 'Crunch', '.,', 'Chocolate', '.,', 'Pumpkin', 'Spice', '.,', 'Each', 'serving', 'Nuts', '"N"', 'More', 'butters', 'contains', '10g', 'protein', 'along', 'healthy', 'Omega-3', 'oils', '.,', 'plenty', 'dietary', 'fiber', '.,', 'low', 'amounts', 'net', 'carbs', '.,', 'While', 'nut', 'butte', 'rs', 'market', '--', 'even', 'savory', 'ones', '--', 'tend', 'sweetened', 'sugar', '.,', 'Nuts', '"N"', 'Mo', 're', 'instead', 'adds', 'xylitol', '.,']

['A', 'training', 'program', 'featuring', 'full-body', 'Rodeo', 'Abs', 'machine', 'software', 'pack', 'age', 'calculates', 'ideal', 'heart', 'rate', 'working', 'efficiently', '.,']

['A', 'versatile', 'comfortable', 'beanbag', 'chair', 'unzips', 'bed', '.,']

['Drop', 'Stop', 'offers', '100', '%', 'coverage', 'dreaded', '``', 'carmuter', 'triangle', '""', '.,', 'sp', 'ace', 'car', 'belongings', 'stray', 'debris', 'go', 'disappear', '.,', 'Of', 'course', '.,', '``', 'carmuter', 'triangle', '""', 'refers', 'gap', 'seat', 'center', 'console', '.,', 'The', 'patented', 'Drop', 'Stop', 'built-in', 'slot', 'attaches', 'seat', 'belt', 'catch', 'keeps', 'securely', 'place', '.,', 'assuring', 'full', 'coverage', 'gap', 'even', 'move', 'seat', '.,', 'Made', 'high', 'grade', 'neoprene', 'casing', '.,', 'DropStop', 'expands', 'compresses', 'fit', 'according', 'shape', 'car', 's', 'seats', 'center', 'c', 'onsole', '.,', 'making', 'universal', 'fit', 'cars', 'trucks', '.,']

['Coolwraps', 'offers', 'easier', 'frankly', '.,', 'much', 'cooler', '.,', 'way', 'get', 'presents', 'wrap', 'ped', 'speedily', 'professionally', '.,', 'Your', 'gift', 'goes', 'one', 'easy-to-use', 'shrink', 'wrap', 'bags', '.,', 'shrink-seal', 'household', 'hair', 'dryer', '.,', 'Available', 'three', 'patterns', '--', 'Ce', 'lebration', '.,', 'Balloons', '.,', 'Hearts', '--', 'choose', 'one', 'best', 'suits', 'occasion', '.,', 'Each', 'Coolwraps', 'package', 'contains', 'nine', 'shrink', 'wrap', 'gift', 'bags', 'three', 'size', '.,', 'sm', 'all', '.,', 'medium', '.,', 'large', '.,', 'Coolwraps', 'come', 'handy', 'shape', 'gift', '.,', 's', 'especial', 'ly', 'genius', 'comes', 'irregularly', 'shaped', 'presents', 'like', 'stuffed', 'animals', 'home', 'ac', 'cessories', '.,']

['Simple', 'Sugars', 'line', 'all-natural', 'skincare', 'products', 'sensitive', 'skin', '.,', 'Made', 'y', 'oung', 'entrepreneur', 'first-hand', 'experience', 'sensitive', 'skin', '.,', 'Simple', 'Sugars', 'for', 'mulated', 'sugar', 'primary', 'exfoliant', 'blended', 'noncomedogenic', 'oils', 'botanicals', 'm', 'ake', 'effective', 'yet', 'gentle', 'products', 'anyone', 'safely', 'use', '.,']

['A', 'cooler', 'built-in', 'LED', 'light', 'turns', 'lid', 'opened', ',', 'illuminating', 'contents', 'inside', '.']

['A', 'water', 'bottle', 'built-in', 'filter', '.']

['Echo', 'Valley', 'Meats', 'retail', ',', 'online', 'gift', 'catalog', 'catering', 'company', 'quickly', 'becoming', 'household', 'name', '.', 'Premium', 'meats', ',', 'smoked', 'hams', ',', 'award', 'winning', 'sausages', 'make', 'personal', 'corporate', 'gift', 'giving', 'easy', 'full', 'flavor', '.']

['The', 'Mission', 'Belt', 'no-holes', 'belt', 'instead', 'adjusts', 'using', 'innovated', 'ratchet', 'system', '.', 'Because', '"s"', 'restricted', 'scarce', 'holes', ',', 'fitted', 'size', '.', 'The', 'ratchet', '"s"', 'teeth', 'spaced', 'mere', 'fourths', 'inch', 'apart', '.', 'Mission', 'Belt', 'also', 'social', 'mission', ':', 'every', 'belt', 'contributes', 'dollar', 'towards', 'fighting', 'global', 'hunger', '.']

['Shell', 'Bobbers', ':', 'fishing', 'bobbers', 'made', 'used', 'shotgun', 'shells', '.', 'If', 'hunting', 'fishing', 'enthusiast', 'life', ',', 'rest', 'assured', 'appreciate', 'idea', 'moment', 'see', '.', 'These', 'Shell', 'Bobbers', 'novelty', 'item', ',', 'fully-functional', 'bobbers', 'float', 'upright', ',', 'well', 'water', 'line', ',', 'remain', 'visible', 'easy', 'spot', '.', 'Use', 'Shell', 'Bobbers', 'fishing', 'situation', 'enjoy', 'fact', '"re"', 'giving', 'second', 'life', 'scrap', 'shot', 'gun', 'shells', 'would', 'otherwise', 'cluttering', 'landfill', '.']

['Individually', 'packaged', 'cupcake-in-a-jar', ',', 'sold', 'retail', 'shipping', 'nationwide', '.']

['A', 'subscription', 'service', 'delivering', 'assortment', 'coffees', 'at-home', 'brewing', '.']

['A', 'fully-seasoned', 'gumbo', 'base', 'form', 'brick', '.']

['Spacious', 'photobooshs', 'filled', 'props', '.']

['A', 'balance', 'bike', 'kids', 'work', 'riding', 'two-wheeled', 'bicycles', '.', 'Rather', 'using', 'training', 'wheels', ',', 'KaZam', 'forgoes', 'pedals', 'encourages', 'kids', 'safely', 'practice', 'balance', '.']

['Custom-built', 'heirloom', 'gaming', 'furniture', '.']

['Stella', 'Valle', 'produces', 'line', 'jewelry', 'embodies', 'inner', 'strength', 'self-reliance', '.', 'Founded', 'two', 'sisters', 'veterans', 'US', 'military', ',', 'designs', 'evoke', 'military', 'background', 'unique', 'aesthetic', 'sensibilities', '.', 'Balancing', 'masculine', 'feminine', 'design', 'elements', 'details', ',', 'jewelry', 'designed', 'brave', 'women', 'set', 'bar', 'high', 'persist', 'adversity', '.']

['A', 'mobile', 'app', 'connects', 'users', 'professional', 'translators', 'demand', '.']

['A', 'chain', 'grilled', 'cheese', 'tomato', 'soup', 'shops', '.']

['Now', 'business', 'Ry', '"s"', 'Ruffery', ',', 'business', 'started', 'Ryan', '"s"', 'family', 'adopted', 'rescue', 'beagle', '.', 'The', 'family', 'taken', 'aback', 'poor', 'quality', 'dog', 'treats', 'market', ',', 'decided', 'make', 'better', 'dog', 'biscuit', '.', 'Ryan', ',', '10', 'years', 'old', ',', 'took', 'initiative', 'talk', 'veterinarians', 'test', 'new', 'flavor', 'combinations', ',', 'experimenting', 'mom', '"s"', 'help', '.', 'Once', 'settled', 'recipe', ',', 'Ryan', 'took', 'streets', 'sell', 'doggie', 'treats', 'bike', '.', 'Today', ',', 'Ry', '"s"', 'Ruffery', 'offers', 'three', 'different', 'flavors', ':', 'cheddar', ',', 'peanut', 'butter', ',', 'pumpkin', 'apple', '.', 'These', 'healthy', 'dog', 'treats', 'sold', 'online', 'pet', 'stores', 'across', 'country', '.']

['Breathometer', 'makes', 'breathalyzer', 'tests', 'accessible', 'consumers', 'leveraging', 'users', '""', 'smartphones', '.', 'Easily', 'plugging', 'smartphone', '"s"', 'audio', 'jack', ',', 'Breathometer', 'makes', 'easier', 'ever', 'gauge', 'blood', 'alcohol', 'content', '.', 'The', 'user', 'simply', 'exhales', 'onto', 'sensor', 'results', 'displayed', 'onscreen', ',', 'much', 'like', 'using', 'bre

athalyzer', '.', 'Breathometer', '"s', 'smartphone', 'app', 'also', 'estimates', 'long', 'user', 'may', 'able', 'drive', 'safely', ',', 'even', 'call', 'local', 'cab', 'needed', '.']

['Kane', '&', 'Couture', 'sells', 'trendy', 'yet', 'affordable', 'accessories', 'stylish', 'pups', '.', 'For', 'stylish', 'dog', 'lovers', ',', 'Kane', '&', 'Couture', 'offers', 'doggie', 'apparel', ',', 'harnesses', ',', 'collars', ',', 'leashes', ',', 'carriers', 'range', 'styles', ',', 'urban-chic', ',', 'sporty', ',', 'glam', '.', 'Even', 'doggie', 'poopie', 'bag', 'holder', 'attractively', 'styled', 'gray', 'denim', 'decked', 'shiny', 'studs', '!', 'The', 'company', 'runs', 'three', 'brands', ':', 'The', 'Kane', '&', 'Couture', 'Signature', 'line', ',', 'Bubba', 'Dog', 'Collection', ',', 'Imperial', 'Pup', '.']

['The', 'Freeloader', 'ultimate', 'child', 'carrier', 'active', 'families', ',', 'designed', 'ultra-light', ',', 'super', 'portable', 'extra', 'safe', 'strong', '.', 'This', 'child', 'carrier', 'supports', 'weight', ',', 'effectively', 'distributes', 'padded', 'contoured', 'shoulder', 'straps', 'padded', 'waist', 'strap', '.', 'The', 'Freeloader', 'also', 'designed', 'safety', 'mind', ',', 'featuring', 'five-point', 'harness', 'system', 'hold', 'child', 'place', '.']

['RuffleButts', 'RuggedButts', 'collections', 'adorably', 'styled', 'super', 'soft', 'children', '"s', 'apparel', 'accessories', '.', 'This', 'husband', 'wife', 'founding', 'team', 'inspired', 'parenthood', 'desire', 'affordable', ',', 'stylish', 'well', 'made', 'clothing', 'accessories', 'toddlers', '.']

['Garden', 'Pops', ',', 'Veggie', 'Mama', 'flagship', 'product', ',', 'natural', ',', 'frozen', 'vegetable', 'fruit', 'treats', '.']

['Ten', 'Thirty', 'One', 'Productions', 'entertainment', 'company', 'creates', ',', 'owns', ',', 'produces', 'live', 'attractions', 'horror', 'genre', '.']

['Tree', 'T', 'Pee', 'agricultural', 'water', 'conservation', 'frost', 'protection', 'device', '.']

['Better', 'Life', 'produces', 'all-natural', 'cleaning', 'products', ',', 'including', 'all-purpose', 'cleaners', ',', 'specialty', 'surface', 'cleaners', ',', 'soaps', 'lotions', '.', 'The', 'company', '"s', 'mission', 'make', 'safest', 'effective', 'home', 'cleaning', 'products', 'market', '.', 'Better', 'Life', 'cleaning', 'products', 'cruelty-free', 'made', 'USA', '.']

['Yubo', 'better', 'brighter', 'lunchbox', 'kids', 'parents', 'appreciate', '.', 'Children', 'love', 'interchangeable', 'inserts', 'go', 'front', 'panel', ',', 'allows', 'change', 'look', 'lunchbox', 'please', '.', 'Parents', 'love', "n't", 'buy', 'another', 'lunchbox', '!', 'Designed', 'maximum', 'style', 'cleanliness', ',', 'Yubo', 'also', 'easy', 'wipe', 'even', 'toss', 'dishwasher', '.']

['Pursecase', 'ultra-minimalist', 'purse', ',', 'built', 'room', 'phone', 'precious', 'essentials', ',', 'bit', 'cash', ',', 'ID', 'credit', 'card', 'two', '.', 'Not', 'skimp', 'style', ',', 'Pursecase', 'attractive', 'chain', 'handle', 'complete', 'purse-like', 'look', 'feel', '.']

['Bubba', '"s', 'Q', 'BBQ', 'proprietary', 'way', 'prepare', 'package', 'fully', 'cooked', ',', 'de-boned', 'baby', 'back', 'ribs', ',', 'They', 'package', 'sale', ',', 'ready', 'enjoy', 'quick', 'blast', 'microwave', ',', 'Consumers', 'enjoy', 'fully', 'cooked', 'pork', 'ribs', 'knife', 'fork', 'kitchen', ',', 'speedily', 'anything', 'else', 'might', 'throw', 'microwave', '.', 'The', 'bones', 'hand-removed', 'packaged', 'ensuring', 'highest', 'quality', 'experience', '.', 'For', 'extra', 'flavor', ',', 'also', 'opt', 'cook', 'boneless', 'ribs', 'oven', 'grill', '.', 'Since', 'pre-cooked', ',', 'heat', 'quickly', ',', 'three', 'five', 'minutes', 'side', '.']

['A', 'Christmas', 'tree', 'topper', 'form', 'Star', 'David', ',', 'interfaith', 'families', 'fuse', 'holidays', 'celebrate', 'together', '.']

['invisiPlug', 'makes', 'powerstrips', 'seamlessly', 'blend', 'hardwood', 'floors', '.', 'How', 'pass', 'unnoticed', 'power', 'strips', 'eyesores', '?', 'Simple', ',', 'invisiPlug', 'chameleon', 'amo

ng', 'power', 'strips', '.', 'They', 'literally', 'made', 'wood-colored', 'finishes', 'Medium', 'Cherry', 'Dark', 'Oak', ',', 'match', 'color', 'textures', 'actual', 'floor', '.']

['School', 'lockers', 'mess', ',', 'ca', 'n't', '?', 'It', '"s', 'anyone', '"s', 'fault', ',', '"s', 'plain', 'difficult', 'keep', 'things', 'orderly', '"s', 'structure', '.', 'This', 'father-daughter', 'team', 'devised', 'solution', '.', 'LockerBones', 'shelves', 'locker', '.', 'This', 'unique', 'shelving', 'system', 'pieces', 'fit', 'together', 'like', 'puzzle', ',', 'making', 'easy', 'assemble', 'resulting', 'sturdy', 'shelves', 'keep', 'school', 'essentials', 'place', '.']

['Quality', 'baby', 'moccassins', '.']

['SwimZip', 'sun', 'protection', '"s', 'easy', 'put', ',', 'goes', 'long', 'way', '"re', 'dealing', 'toddlers', '!', 'With', 'signature', 'zipper', 'front', ',', 'SwimZip', 'goes', 'zippy', 'jiffy', 'provide', 'ample', 'sun', 'protection', 'babies', ',', 'toddlers', ',', 'fast-growing', 'big', 'kids', '.', 'This', 'sun-protective', 'clothing', 'also', 'designed', 'stylish', 'yet', 'affordable', ',', 'making', 'no-brainer', 'stay', 'sun-safe', '.']

['Southern', 'Culture', 'Foods', 'makes', 'flavored', 'pancake', 'waffle', 'mixes', 'breakfast', 'products', '.', 'As', 'company', ',', 'Souther', 'Culture', 'Foods', 'wants', 'change', 'people', 'think', 'breakfast', ',', 'stands', 'natural', 'breakfast', 'lifestyle', 'products', ',', 'including', 'seasoning', 'blend', 'bacon', 'called', 'Bacon', 'Rub', '.']

['A', 'safety', 'survival', 'course', 'developed', 'former', 'CIA', 'officer', '.']

['RevoLights', 'provides', 'ultimate', 'bicycle', 'lighting', 'system', 'safety', 'visibility', '.', 'These', 'programmed', 'light', 'rings', 'attach', 'wheels', '.', 'RevoLights', 'illuminate', 'path', 'ahead', 'rider', 'function', 'brake', 'lights', 'like', 'system', '.']

['Packback', 'rents', 'digital', 'textbooks', '\$', '5', 'less', 'allows', 'students', 'compare', 'prices', 'buying', 'selling', 'textbooks', '.']

['Chapul', 'manufactures', 'high-protein', 'flour', 'crickets', '.', 'That', '"s', 'right', ',', 'crickets', 'might', 'feed', 'pet', 'lizard', 'also', 'rich', 'cost-effective', 'source', 'protein', 'largely', 'overlooked', 'undervalued', 'Americans', 'popular', 'many', 'Eastern', 'cultures', '.', 'Chapul', '"s', 'unique', 'cricket', 'flour', 'nutrition', 'bars', 'offer', 'gentle', 'appetizing', 'introduction', 'insects', 'Western', 'diet', '.']

['Happy', 'Feet', 'plushiest', ',', 'softest', 'slippers', 'money', 'buy', '.', 'These', 'slippers', 'n't', 'apologize', 'comfy', ',', 'flaunt', '.', 'Founded', '1995', ',', 'company', 'started', 'styles', 'years', 'expanded', 'include', 'hundreds', 'designs', ',', 'including', 'many', 'association', 'branding', 'partners', '.']

['Hold', 'Your', 'Haunches', 'typical', 'shapewear', '.', 'It', '"s', 'made', 'hide', 'underneath', 'clothes', ',', '"s', 'shapewear', 'built', 'clothes', '.', 'Hold', 'Your', 'Haunches', 'pants', 'tighten', 'legs', 'booties', 'also', 'nice', 'look', '!', 'The', 'secret', 'Hold', 'Your', 'Haunches', 'unique', 'two-layer', 'design', ',', 'design', 'utility', 'patent-pending', '.', 'These', 'shapewear', 'fashion', 'pants', 'attractive', 'outer', 'shell', 'inner', 'compression', 'shell', 'sewn', 'waist', '.']

['A', 'unique', 'memorable', 'trackless', 'train', 'ride', 'entertains', 'children', 'shopping', 'mall', 's', '.']

['These', 'light', 'bulbs', 'smarts', '!', 'ilumi', 'makes', 'LED', 'light', 'bulbs', 'color-tunable', '.', 'They', 'screw', 'socket', 'like', 'normal', 'lightbulb', ',', 'controlled', 'free', 'ilumi', 'smartphone', 'app', '.', 'From', 'phone', ',', 'adjust', 'brightness', 'settings', 'colors', 'many', 'bulbs', 'home', ',', 'ilumi', 'light', 'bulbs', 'even', 'programmed', 'serve', 'sunrise', 'alarm', 'clocks', ',', 'sync', 'music', ',', 'fun', 'features', '.', 'As', 'added', 'benefit', ',', 'ilumi', '"s', 'LED', 'technology

, 'seven', 'times', 'energy', 'efficient', 'regular', 'light', 'bulbs', ',', 'also', 'durable', ',', 'lasting', '20', 'years', '.']

['Rugged', 'Maniac', 'Obstacle', 'Race', 'organization', 'behind', 'national', 'serious', 'event s', 'take', 'regular', 'races', 'another', 'level', '.', 'Obstacles', 'ranging', 'towers', ',', 'water', 's lides', ',', 'fire', ',', 'tunnels', 'mud', ',', 'even', 'electrified', 'wires', 'litter', 'race', 'courses', '.', 'More', 'race', ',', 'Rugged', 'Maniac', 'events', 'always', 'capped', 'huge', 'celebration', '.', 'T oast', 'achievement', 'beer', ',', 'music', ',', 'dancing', ',', 'bounce', 'houses', '!']

['Love', 'outdoors', 'bummed', 'prospect', 'storing', 'enormous', 'clunky', 'kayaks', '?', 'Oru', 'Kayak', 'sells', 'light-weight', 'foldable', 'kayaks', 'made', 'space-age', 'materials', '.', 'The', 'company', 'uses', 'double-layered', 'polypropylene', ',', 'tough', ',', 'resilient', ',', 'abrasion -resistant', '.', 'The', 'original', 'Oru', 'Kayak', '12', 'feet', 'long', 'folds', 'box', 'measuring', '3 2x13x28', 'cubic', 'inches', ',', 'weighing', '26', 'pounds', '.']

['Not', 'typical', 'cinnamon', 'roll', 'shop', ',', 'Cinnaholic', 'treats', 'dairy-free', ',', 'lactose-fre e', ',', 'egg-free', ',', 'cholesterol-free', '100', '%', 'vegan', '.']

['Vice', 'meets', 'virtue', 'new', 'wine', 'spritzer', '.', 'Bon', 'Affair', 'blends', 'California', 'wine', 'purified', 'sparkling', 'water', ',', 'electrolytes', 'create', 'refreshing', 'effervescent', 'bever age', '6.5', '%', 'alcohol', 'volume', 'zero', 'added', 'sugar', '.', 'With', 'half', 'calorie', 'content', 'regular', 'wine', ',', 'Bon', 'Affair', 'guilt-free', 'companion', 'beach', 'pool', '.', 'Bon', 'Affair', 'available', 'crisp', 'Sauvignon', 'Blanc', 'seductive', 'Syrah', '.']

['Origami', 'meets', 'home', 'storage', '.', 'A', 'collapsible', 'storage', 'box', 'designed', 'ease', 'use', '.', 'BZBox', 'pops', 'open', 'one', 'movement', ',', 'collapses', 'flat', 'easily', '.', 'BZBo x', 'sturdier', 'versatile', 'typical', 'cardboard', 'box', '.']

['A', 'free', 'iPad', 'app', 'effortlessly', 'measures', 'child', '"s", 'feet', ',', 'connects', 'online', 'store', 'easily', 'find', 'shoes', 'fit', '.']

['A', 'sling', 'dog', 'carrier', 'tote', 'hybrid', ',', 'HeartPUP', 'allows', 'user', 'carry', 'pets', 'han dsfree', 'comfortably', 'making', 'fashion', 'statement', '.']

['Reviver', 'Clothing', 'Swipes', 'like', 'deodorant', 'clothes', '.', 'These', 'reusable', 'environ mentally-friendly', 'swipes', 'keep', 'clothes', 'smelling', 'fresh', 'washes', '.', 'Made', 'USA', ',', 'Reviver', 'swipes', 'perfect', 'solution', 'favorite', 'pieces', 'ca', 'n't', 'tear', 'away', '.', 'By', 'potentially', 'prolonging', 'time', 'washes', ',', 'Reviver', 'also', 'encourage', 'efficient', 'con sumption', 'water', 'resources', 'laundry', '.']

['Novelty', 'eyewear', 'featuring', 'outrageous', 'unique', 'designs', 'transform', 'wearer', '"s', 'face', '.']

['The', 'Red', 'Dress', 'Boutique', 'online', 'retailer', 'affordable', 'fashions', 'young', 'women', 'teens', '.', 'This', 'family-owned', 'business', 'retails', 'items', '\$', '50', 'goal', 'make', 'grea t', 'style', 'accessible', '.', 'You', 'n't', 'rich', 'dress', 'well', 'feel', 'beautiful', '.', 'The', 'Red', 'Dress', 'Boutique', 'radiates', 'happiness', 'seeks', 'share', 'optimism', 'customers', '.', 'Fou nder', 'Diana', 'Harbour', 'started', 'giving', 'piece', 'sale', 'website', 'eye-catching', 'memor able', 'name', ',', 'focus', 'building', 'brand', '"s', 'image', 'tone', 'contributed', 'site', '"s', 'gro wth', 'success', '.']

['Honeyfund', 'gifting', 'platform', 'newlyweds', 'less', 'interested', 'acquiring', 'home', 'appli ances', 'funding', 'travel', 'dreams', '.', 'The', 'funding', 'duo', 'married', 'couple', 'used', 'we dding', 'registry', 'fund', 'honeymoon', 'plans', ',', 'developed', 'home-grown', 'system', 'so

mething', 'anyone', 'could', 'sign', '.', 'As', 'company', ',', 'also', 'working', 'roll', 'additional', 'crowdgifting', 'platforms', 'occassions', ',', 'like', 'graduations', 'baby', 'showers', '.']

['Inexpensive', 'creatively-flavored', 'box', 'wine', '.']

['TITIN', 'patented', 'form-fitting', 'weighted', 'compression', 'gear', 'using', 'gel', 'weights', 'inserts', '.']

['Myself', 'Belts', 'little', 'ones', 'learning', 'things', '.', 'These', 'belts', 'fastened', 'unfastened', 'quick', 'one-handed', 'motion', '.', 'These', 'velcro-backed', 'belts', 'great', 'kids', 'going', 'potty', 'training', 'special', 'needs', 'children', ',', 'faux', 'buckles', 'make', 'look', 'like', 'regular', 'belt', '.', 'Myself', 'Belts', 'adorably', 'styled', 'airplanes', ',', 'hearts', 'trucks', ',', 'even', 'customized', 'name', 'branded', 'design', ',', 'school', 'uniform', '.']

['Bottle', 'Breacher', 'takes', '50-caliber', 'ammunition', 'used', 'defend', 'country', 'nad', 'turns', 'bottle', 'openers', '.', 'Crafted', 'US', 'Active', 'Duty', 'service', 'members', 'Veterans', ',', 'Bottle', 'Breacher', 'original', 'memorable', 'gift', '.', 'Use', 'promotional', 'gifts', ',', 'decorative', 'display', ',', 'course', ',', 'cracking', 'open', 'bottle', '!']

['The', 'Natural', 'Grip', 'makes', 'best-fitting', 'hand', 'grips', 'protecting', 'hands', 'workouts', ',', 'Unlike', 'competition', ',', 'The', 'Natural', 'Grip', 'one-size-fits-all', 'product', '.', 'These', 'grips', 'created', 'fitness', 'enthusiast', 'active', 'duty', 'officer', 'Ashley', 'Drake', '.', 'The', 'Natural', 'Grip', 'provides', 'protection', 'torn', 'hands', 'blisters', 'without', 'bulk', 'alternatives', '.', 'Snugly', 'fitted', 'hand', ',', 'based', 'ring', 'finger', 'size', ',', 'Natural', 'Grip', 'hooks', 'ring', 'middle', 'fingers', 'drapes', 'palm', 'hands', '.']

['Heidi', 'Ho', '!', 'makes', 'line', 'delicious', 'cheezes', ',', 'typo', ',', 'ordinary', 'cheese', '.', 'Chef', 'Heidi', '"s", 'cheezes', 'purely', 'plant-based', ',', 'made', 'organic', 'vegetables', ',', 'nuts', ',', 'seeds', '.', 'Despite', 'dairy-free', 'many', 'cases', 'also', 'soy-free', ',', 'Heidi', 'Ho', 'cheezes', 'maintain', 'cheese-like', 'properties', ',', 'firm', 'enough', 'grate', 'melty', 'like', 'real', 'cheese', '!']

['Pipcorn', 'fun', 'mini', 'popcorn', 'snack', '.', 'When', 'heated', 'popped', ',', 'popcorn', 'kernel', 'shells', 'shatter', 'little', 'pieces', ',', 'making', 'easier', 'stomach', 'teeth', ',', 'mention', 'delicious', '.', 'This', 'brother-sister', 'duo', 'Brooklyn', 'makes', 'Pipcorn', 'small', 'batches', 'using', 'all-natural', 'ingredients', '.']

['The', 'Squatty', 'Potty', 'toilet', 'stool', 'helps', 'user', 'mimic', 'natural', 'squat', ',', 'allowing', 'easier', 'healthier', 'elimination', 'home', '.', 'Believe', ',', 'relatively', 'modern', 'tradition', 'sitting', 'upright', 'toilet', 'seat', 'improvement', ',', 'least', 'far', 'posture', 'concerned', '.', 'This', 'position', 'puts', 'stress', 'bowels', 'simple', 'squat', '.', 'The', 'Squatty', 'Potty', 'allows', 'user', 'adapt', 'home', 'toilet', 'one', 'used', 'squatting', 'position', ',', 'helps', 'reduce', 'straining', 'even', 'prevent', 'hemorrhoids', 'bowel', 'herniation', '.', 'Squatty', 'Potty', 'also', 'great', 'kids', ',', 'gives', 'leg', 'place', 'rest', 'feet', 'moving', 'grown-ups', 'toilet', '.', 'When', 'use', ',', 'Squatty', 'Potty', 'tucks', 'neatly', 'discretely', 'underneath', 'toilet', 'bowl', '.']

['Earthlogs', 'environmentally-conscious', 'choice', 'fire', 'logs', '.', 'Made', 'clean', 'waste', 'paper', 'scrap', 'candle', 'wax', ',', 'Earthlog', 'repurposes', 'waste', 'premium-quality', 'fire', 'products', '.', 'The', 'company', '"s", 'patent-pending', 'manufacturing', 'process', 'also', 'produces', 'zero', 'waste', '.']

['With', 'Magic', 'Cook', ',', 'users', 'make', 'meal', 'without', 'fire', ',', 'gas', 'electricity', '.']

['The', 'Kitchen', 'Safe', 'smart', 'container', 'helps', 'people', 'form', 'good', 'habits', '.,', 'It', 's', 'great', 'food', '.,', 'cellphones', '.,', 'TV', 'remotes', '.,', 'video', 'games', '.,', 'many', 'things', '.,']

['Single-serve', 'wines', 'recyclable', '.,', 'high', 'quality', 'plastic', 'stemware', 'looks', 'feels', 'like', 'glass', '.,']

['Biaggi', 'luggage', 'built', 'premium', 'quality', 'easy', 'storage', '.,', 'Their', 'unique', 'design', 'lightweight', 'construction', 'allow', 'Biaggi', 'baggage', 'flatten', 'storage', '.,', 'greatly', 'reducing', 'space', 'required', '.,', 'Biaggi', 'suitcases', 'also', 'feature', '4-wheel', 'spinner', 'system', '.,', 'padded', 'compartment', 'laptops', '.,', 'hinge-lock', 'technology', '.,', 'multi-stop', 'telescopically', 'aluminum', 'handles', '.,']

['Fashionable', 'affordably-priced', 'apparel', 'female', 'sports', 'fans', '.,']

['Hoppy', 'Paws', 'kit', 'includes', 'everything', 'needed', 'create', 'reindeer', 'hoof', 'prints', 'home', '.,', 'An', 'easy', 'way', 'bring', 'whimsy', 'holidays', '.,', 'Hoppy', 'Paws', 'comes', 'hoof', 'print', 'stamp', '.,', 'mixing', 'tray', 'super', 'secret', 'powder', '.,', 'Mixed', 'water', '.,', 'powder', 'creates', 'crisp', 'white', 'hoof', 'prints', 'easy', 'clean', 'fun', 'done', '.,', 'Hoppy', 'Paws', 'makes', 'look', 'like', 'reindeer', 'indeed', 'come', '.,', 'company', 'expanded', 'kits', 'characters', '.,', 'including', 'Santa', 's', 'Elves', '.,', 'Easter', 'Bunny', '.,', 'Tooth', 'Fairy', '.,', 'Non-toxic', 'biodegradable', '.,', 'Hoppy', 'Paws', 'works', 'hard', 'surfaces', '.,', 'indoors', '.,']

['An', 'elf', 'shelf', 'analog', 'Jewish', 'interfaith', 'families', '.,', 'Moshe', 'Mensch', 'tells', 'story', 'Hanukkah', 'promotes', 'values', 'Mensch', '.,']

['The', 'Q-Flex', 'personal', 'acupressure', 'system', 'self-massage', 'device', '.,', 'Its', 'hook-shaped', 'design', 'allows', 'anyone', 'reach', 'sore', 'spots', 'apply', 'pressure', 'relieve', 'stress', 'soothe', 'aches', '.,', 'Lightweight', '.,', 'durable', '.,', 'easy', 'use', '.,', 'affordable', '.,', 'Q-Flex', 'allows', 'anyone', 'enjoy', 'on-demand', 'deep', 'tissue', 'massage', 'right', 'amount', 'pressure', 'relax', 'knotted', 'muscles', '.,', 'ease', 'shoulder', 'tension', '.,', 'relieve', 'back', 'pain', 'soothe', 'tired', 'feet', '.,', 'Made', 'USA', '.,']

['Bantam', 's', 'mini', 'bagel', 'balls', 'come', 'stuffed', 'artisan', 'cream', 'cheeses', 'add', 'ease', 'mobile', 'munching', 'perfect', 'snack', '.,', 'meeting', 'event', '.,']

['Doorman', 'on-demand', 'mobile', 'service', 'provides', 'package', 'delivery', '(', 'returns', ')', 'midnight', '.,', '7', 'days', 'week', '.,']

['Scratch', '&', 'Grain', 'Baking', 'Co.', 'makes', 'wholesome', 'delicious', 'cookie', 'mixes', 'planet', '.,', 'These', 'cookie', 'kits', 'bring', 'together', 'best', 'elements', 'baking', 'scratch', 'convenience', 'using', 'prepackaged', 'mixes', '.,', 'Unlike', 'typical', 'baking', 'mixes', 'big', 'brands', 'might', 'used', 'seeing', 'grocery', 'store', '.,', 'ingredient', 'Scratch', 'Grain', 'Co.', 'mixes', 'come', 'individually', 'packaged', 'within', 'box', '.,', 'You', 'get', 'wonderful', 'flavor', 'baked-from-scratch', 'cookies', 'satisfaction', 'ingredients', 'fresh', 'all-natural', '.,', 'Scratch', 'Grain', 'Co.', 'offers', 'number', 'different', 'cookie', 'mixes', '.,', 'including', 'Chocolate', 'Chip', '.,', 'Sugar', 'Cookie', '.,', 'Oatmeal', 'Raisin', '.,', 'They', 'also', 'introduced', 'three', 'gluten-free', 'mixes', '.,', 'Chocolate', 'Truffle', '.,', 'Snickers', 'Doodle', '.,', 'Chewy', 'Peanut', 'Butter', '.,']

['Any', 'gathering', 'improved', 'reusable', 'sticky', 'ties', '!', 'Not', 'typical', '.,', 'Hello', 'name', '.,', 'tag', '.,', 'stickers', '.,', 'charming', 'look', 'themed', 'designs', 'offer', 'much', 'interesting', 'kind', 'conversation', 'starter', '.,', 'They', 'also', 'super', 'durable', '.,', 'You', 'reposition', 'reuse', 'please', '.,', 'They', 'n't', 'even', 'leave', 'residue', 're', 'gone', '.,', 'You', 'write', 'stic']

kers', ',', 'let', 'looks', 'speak', ',', 'The', 'company', 'started', 'making', 'sticky', 'ties', ',', 'cont
inued', 'adding', 'new', 'shapes', 'themes', 'line-up', ',', 'Our', 'personal', 'favorite', 'bow', 'ti
e', ',', 'Try', 'next', 'party', 'see', 'liven', 'even', 'plain', 'white', 'tee', '.']

['A', 'premium', ',', 'nutritious', 'to-go', 'meal', 'dog', ',', 'The', 'official', 'dog', 'food', 'National
, 'Association', 'Search', 'Rescue', '.']

['A', 'unique', 'elegant', 'portable', 'lighting', 'solution', '.']

['GreenBox', 'innovator', 'behind', 'patented', ',', 'multi-functional', 'GreenBox', 'pizza', 'box
, ',', 'Made', '100', '%', 'recycled', 'recyclable', 'material', ',', 'GreenBox', 'breaks', 'plates', '
storage', 'unit', 'leftovers', ',', 'completely', 'eliminating', 'need', 'serving', 'plates', 'wasteful'
, 'storage', 'materials', '.']

['If', '"re"', 'like', 'people', ',', 'hardly', 'function', 'without', 'smartphone', ',', 'It', 'goes', 'every
where', 'go', 'use', 'repeatedly', 'throughout', 'day', ',', 'But', 'unlike', 'things', 'get', 'daily', 'w
ear', 'tear', ',', 'probably', "n't", 'wash', 'phone', ',', '"s', 'accumulating', 'germs', 'since', 'day
, 'acquired', ',', 'Now', 'thanks', 'PhoneSoap', ',', '"s', 'easy', 'highly', 'effective', 'way', 'zap'
, 'microbes', 'phone', ',', 'PhoneSoap', 'charger', 'smartphone', 'encloses', 'UV', 'case', ',', '
emits', 'light', 'UV-C', 'range', 'kills', '99.99', '%', 'bacteria', ',', 'It', 'disinfects', 'phone', '5', '
minutes', ',', '"s', 'also', 'safe', 'leave', 'night', 'charges', ',', 'You', '"ll', 'still', 'able', 'hear', 'n
otifications', 'built-in', 'audio', 'amplifier', ',', 'One', 'advantages', 'PhoneSoap', 'charger', 'p
roducts', ',', 'anti-bacterial', 'wipes', 'wireless', 'devices', ',', '"s', 'one-time', 'investment', ',', '
'You', '"ll', 'able', 'use', 'charger', 'without', 'reorder', 'spend', 'money', ',', 'You', 'also', 'wo
, "n't", 'even', 'need', 'remember', 'wipe', 'phone', ',', 'since', '"ll', 'charging', 'either', 'way', '
, 'Although', 'germicidal', 'phone', 'charger', 'company', '"s', 'flagship', 'product', ',', 'well',
'first', ',', '"ve", 'also', 'added', 'cleaning', 'pads', 'touchscreen', 'polish', 'stick', 'lineup', '.']

['Drain', 'Strain', 'revolutionary', ',', 'never-clog', 'drain', 'stopper', '.']

['A', 'stylish', 'eco-friendly', 'alternative', 'pee', 'pads', ',', 'Fresh', 'Patch', 'delivers', 'real-gr
ass', 'turf', 'dogs', "n't", 'backyards', '.']

['Funbites', 'curved', 'blade', 'cutter', 'makes', 'snap', 'cut', 'kids', '"', 'meals', 'bite-size', 'pi
eces', ',', 'With', 'Funbites', 'transform', 'boring', 'food', 'fun', 'approachable', 'bites', ',', 'Gre
at', 'encouraging', 'picky', 'eaters', 'try', 'new', 'things', ',', 'Funbites', 'available', 'assortme
nt', 'geometric', 'shapes', ',', 'All', 'Funbites', 'cutters', 'work', 'simple', 'way', ',', 'By', 'fitting'
, 'cutter', 'food', 'item', 'pressing', ',', 'quickly', 'get', 'lots', 'neatly', 'evenly', 'cut', 'bites', 'foo
d', 'ready', 'go', ',', 'Funbites', 'BPA-free', ',', 'dishwasher-safe', ',', 'proudly', 'made', 'USA',
, '.']

['The', 'BevBoy', 'best', 'companion', 'anyone', 'likes', 'relax', 'floating', 'water', ',', 'It', '"s', 'i
ngeniously', 'devised', 'hold', 'drink', 'alongside', 'without', 'spilling', 'tipping', ',', 'Superior',
'accident-prone', 'cupholders', 'built', 'pool', 'floates', ',', 'BevBoy', 'floats', 'independently',
'maintains', 'balance', 'using', 'clever', 'weighted', 'balance', 'system', '.']

['The', 'Gold', 'Rush', 'Nugget', 'Bucket', 'makes', 'gold', 'gem', 'prospecting', 'made', 'easy
, 'fun', '.']

['Boobypack', 'sports', 'bra/crop-top', 'zipper-enclosed', ',', 'water-resistant', 'pockets', 'eit
her', 'side', ',', 'This', 'fannypack', 'rack', 'keeps', 'valuables', 'safe', 'dance', ',', 'jog', 'fist', '
pump', 'ease', '.']

['Scholly', 'mobile', 'web', 'app', 'gives', 'high', 'school', 'students', ',', 'current', 'college', 'students', ',', 'graduate', 'students', 'fast', 'simple', 'way', 'find', 'scholarships', 'pay', 'college', '.']

['LuminAID', 'solar-powered', 'inflatable', 'light', 'developed', 'two', 'architecture', 'students', '2010', 'Haiti', 'Earthquake', '.']

['Frill', 'Clothing', 'designs', 'sorority', 'recruitment', 'clothing', 'donates', 'portion', 'sorority', 's', 'proceeds', 'charity', 'choice', '.']

['Coco', 'Jack', 'tool', 'safely', 'easily', 'open', 'young', 'Thai', 'coconuts', ',', 'matter', 'size', 'strength', '.', 'The', 'company', 'offers', 'whole', 'suite', 'tools', 'make', 'young', 'Thai', 'coconuts', 'accessible', 'consumers', '.']

['EmazingLights', 'pioneering', 'new', 'Gloving', 'Movement', 'skillful', 'expression', 'art', ',', 'along', 'iHeartRaves', ',', 'provides', 'wildly', 'unique', 'festival', 'fashion', 'Raves', ',', 'Festivals', 'Beyond', '.']

['AquaVault', 'portable', 'outdoor', 'safe', 'keep', 'valuables', 'dry', 'beach', 'great', 'outdoors', 'general', '.', 'The', 'AquaVault', 'attaches', 'lounge', 'chairs', ',', 'baby', 'strollers', ',', 'golf', 'carts', ',', 'bikes', ',', 'boats', '.']

['Echo', 'Valley', 'Meats', 'retail', ',', 'online', 'gift', 'catalog', 'catering', 'company', 'quickly', 'becoming', 'household', 'name', '.', 'Premium', 'meats', ',', 'smoked', 'hams', ',', 'award', 'winning', 'sausages', 'make', 'personal', 'corporate', 'gift', 'giving', 'easy', 'full', 'flavor', '.']

['BeeSweet', 'Lemonade', 'uses', 'locally', 'sourced', 'honey', '.', 'A', 'percentage', 'profits', 'form', 'sale', 'lemonade', 'goes', 'local', 'international', 'organizations', 'fighting', 'save', 'bees', '.']

['A', 'baby', 'toy', 'helps', 'retrieve', 'dropped', 'pacifiers', 'without', 'help', '.']

['Flavored', 'face', 'wipes', 'sweetened', 'stevia', '.', 'Makes', 'cleaning', 'kids', 'easier', 'wo', 'n't', 'avoid', 'thanks', 'sweet', 'flavor', '.']

['Faster', ',', 'safer', ',', 'ergonomically', 'correct', 'cost-effective', 'connectors', 'electric', 'power', '.']

['An', 'environmentally-friendly', 'alternative', 'peat', 'moss', 'made', 'recycled', 'paper', 'proprietary', 'mix', 'organic', 'additives', ',', 'Using', 'PittMoss', 'instead', 'peat', 'eliminates', 'need', 'chemical', 'additives', 'controls', 'pH', 'imbalances', ',', 'insects', ',', 'molds', 'weed', 'seeds', ',', 'releases', 'far', 'less', 'CO2', 'atmosphere', '.']

['ZinePak', 'partners', 'world', 's', 'top', 'brands', ',', 'entertainers', ',', 'properties', 'make', 'irresistible', 'content', 'activate', 'SuperFans', '.']

['Ultra-thin', 'insoles', 'add', 'protection', 'without', 'affecting', 'fit', 'shoes', 'sneakers', '.']

['Started', '2011', 'three-time', 'world', 'record', 'Striped', 'Bass', 'angler', 'Greg', 'Myerson', ',', 'World', 'Record', 'Striper', 'Company', 'manufacturers', 'sells', 'science-based', 'fishing', 'tackle', 'Myerson', 'used', 'land', 'monster', 'fish', '.', 'The', 'company', 'sells', 'sinkers', ',', 'floats', ',', 'jigs', 'bucktails', 'incorporate', 'Myerson', 's', 'patent-pending', 'Rattle', 'sound', 'attracts', 'big', 'fish', 'variety', 'species', 'mimicking', 'sound', 'one', 'favorite', 'foods', '.', 'crustaceans', '.']

['Zero', 'Pollution', 'Motors', 'launching', 'urban', 'car', 'future', ',', 'AIRPod', '.', 'The', 'AIRPod', 'vehicle', 'solution', 'urban', 'pollution', 'urban', 'mobility', '.', 'With', 'small', 'size', ',', 'tiny', 'price', ',', 'zero', 'pollution', ',', 'fun', 'futuristic', 'design', ',', 'AIRPod', 'marks', 'turning', ']

point', 'range', 'urban', 'vehicles', '.', 'It', 'real', 'breath', 'fresh', 'air', 'cities', 'prelude', 'travel', 'without', 'pollution', '.']

['You', 'action', 'figure', ',', 'You', 'Kick', 'Ass', 'make', 'happen', '!', 'With', 'photo', 'friend', ',', 'You', 'Kick', 'Ass', 'makes', '3D-printed', 'action', 'figure', ',', 'even', 'give', 'action', 'hero', 'name', 'super', 'power', '.']

['SynDaver', 'Labs', 'makes', 'synthetic', 'body', 'parts', 'use', 'medical', 'education', ',', 'replace', 'use', 'cadavers', ',', 'live', 'animals', ',', 'human', 'patients', 'surgical', 'training', '.', 'SynDaver', '"s", 'models', 'highly', 'sophisticated', 'realistic', ',', 'flagship', 'product', ',', 'SynDaver', 'Synthetic', 'Human', 'full-body', 'surgical', 'simulator', '.', 'The', 'Synthetic', 'Human', 'bleeds', ',', 'breathes', ',', 'features', 'hundreds', 'replaceable', 'muscles', ',', 'bones', ',', 'organs', ',', 'body', 'parts', '.']

['Zoom', 'Interiors', 'virtual', 'service', 'interior', 'design', 'delivers', 'personalized', 'style', 'accessible', 'price', 'points', '.', 'Users', 'fill', 'survey', 'give', 'Zoom', 'sense', 'style', ',', 'follow', 'free', '15-minute', 'telephone', 'consultation', '.', 'For', '\$', '150', ',', 'customers', 'get', 'room', 'designed', 'budgets', 'starting', 'low', '\$', '1,000', '.']

['Spikeball', 'started', 'casual', 'outdoors', 'game', ',', 'grown', 'become', 'national', 'sensation', '.', 'Played', '2', 'vs.', '2', 'format', ',', 'teams', 'compete', 'spike', 'ball', 'bouncy', 'net', 'one', 'team', 'ca', 'n't', 'return', ',', 'awards', 'opposing', 'team', 'point', '.', 'This', 'nascent', 'sport', 'often', 'described', 'cross', 'beach', 'volleyball', 'foursquare', '.', 'Spikeball', '"s", 'popularity', 'growing', ',', 'currently', 'quarter', 'million', 'players', 'United', 'States', ',', 'well', 'thousand', 'nationally', 'ranked', 'teams', '.']

['Shark', 'Wheel', 'literally', 'reinvent', 'wheel', '.', 'Their', 'innovative', 'wheel', 'design', 'circular', ',', '"s", 'Q-shaped', ',', 'put', 'simply', 'possible', '.', 'This', 'shape', 'may', 'look', 'funny', ',', 'makes', 'wheels', 'faster', 'gives', 'better', 'grip', '.', 'Over', 'uneven', 'terrain', ',', 'also', 'makes', 'smoother', 'ride', '.', 'The', 'team', 'put', 'Shark', 'Wheel', 'skateboards', ',', 'strollers', ',', 'wagons', ',', 'see', 'countless', 'possibilities', '.', 'The', 'flagship', 'product', 'currently', 'production', 'skateboard', 'wheels', ',', 'selling', 'online', '.']

['Sway', 'Motorsports', 'makes', 'three-wheeled', ',', 'all-electric', ',', 'street', 'legal', 'ride', '.', 'It', '"s", 'like', 'motorcycles', 'scooters', 'market', 'control', 'mechanism', '.', 'Affording', 'riders', 'slightly', 'wider', 'footprint', 'ability', 'control', 'tilt', 'vehicle', 'legs', ',', 'Sway', 'vehicles', 'offer', 'greater', 'stability', 'tighter', 'turns', '.', 'Riders', 'n't', 'struggle', 'balance', 'vehicle', 'put', 'foot', 'stops', ',', 'reason', ',', '"s", 'also', 'easier', 'carry', 'passenger', 'baggage', 'Sway', 'vehicles', '.']

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[('.', 326), (',', 268), ('A', 55)]
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[(',', 470), (',', 443), ('"s"', 69)]

#word cloud true [Secured a deal]



#word cloud false [Did not secure a deal]:

The word 'device' is not easily found in the 'secured a deal' word cloud while it is easily spotted in the 'not secured a deal' word cloud. This indicates that the word 'device' occurred frequently when a deal was rejected hence implying the statement given in the question is true.