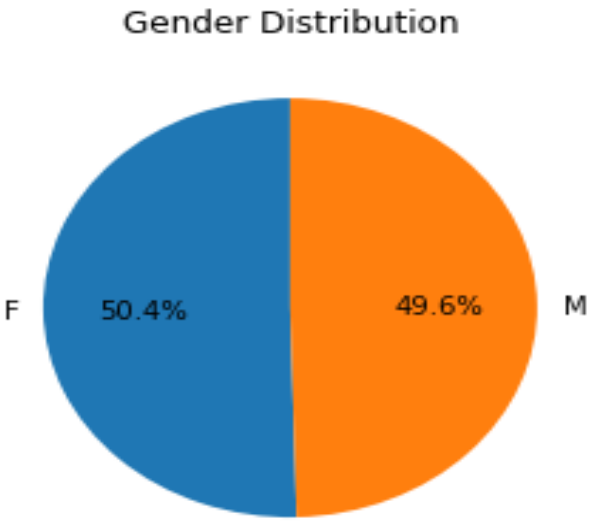
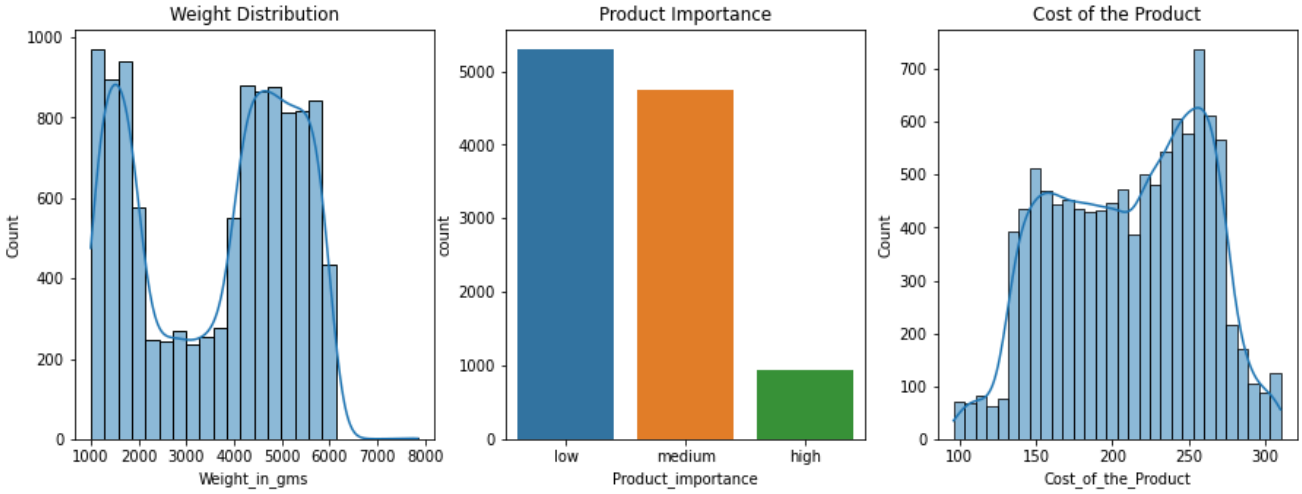
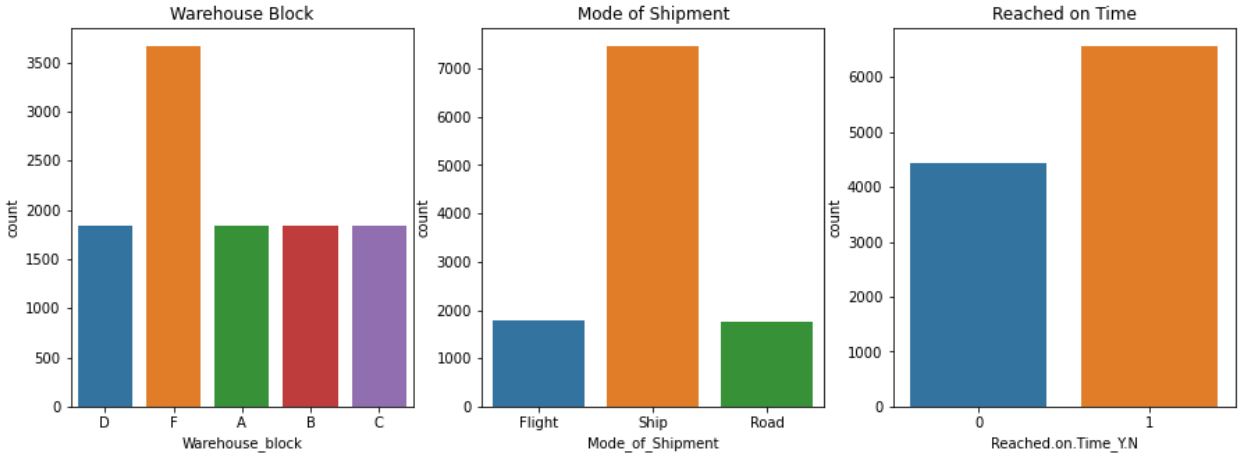
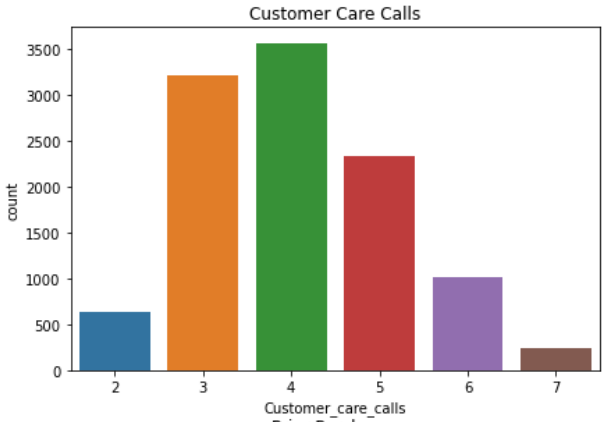
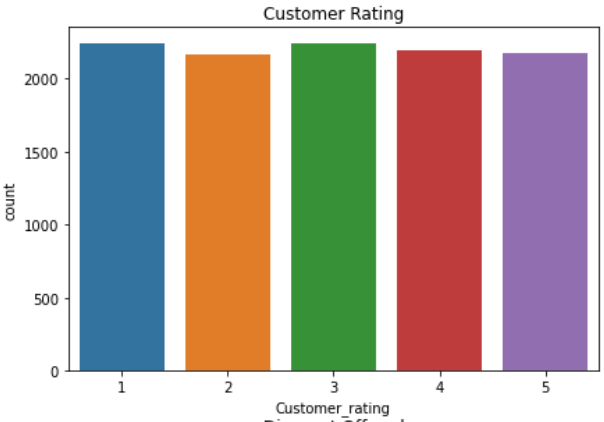
OBJ

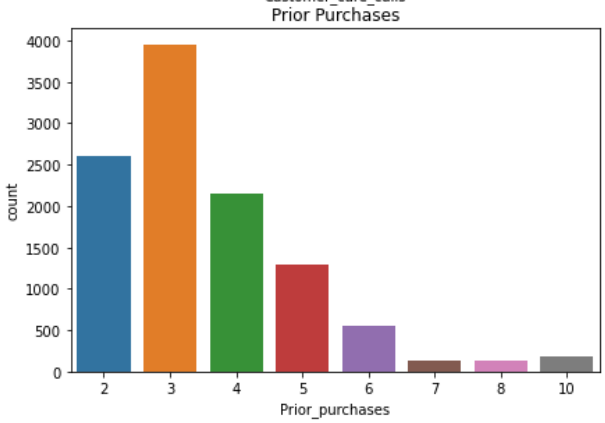

Gender Distribution
F
50.4%
49.6%
M

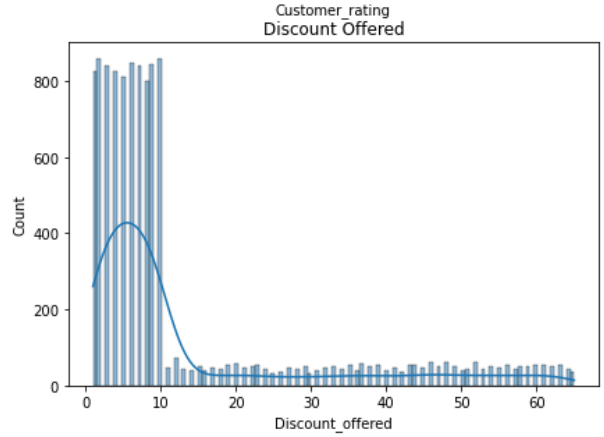

Weight Distribution
Count
Weight_in_gms
Product Importance
count
low
medium
high
Product_importance
Cost of the Product
Count
Cost_of_the_Product

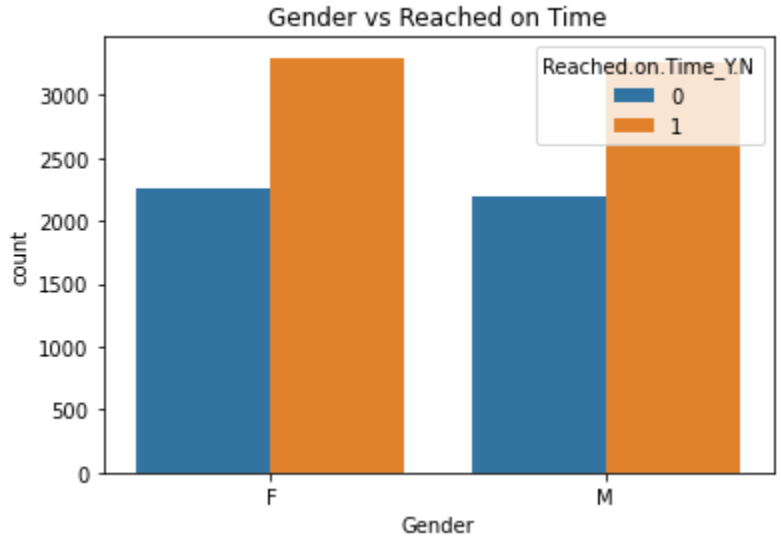

Warehouse Block
count
D
F
A
B
C
Warehouse_block
Mode of Shipment
count
Flight
Ship
Road
Mode_of_Shipment
Reached on Time
count
0
1
Reached.on.Time_Y.N

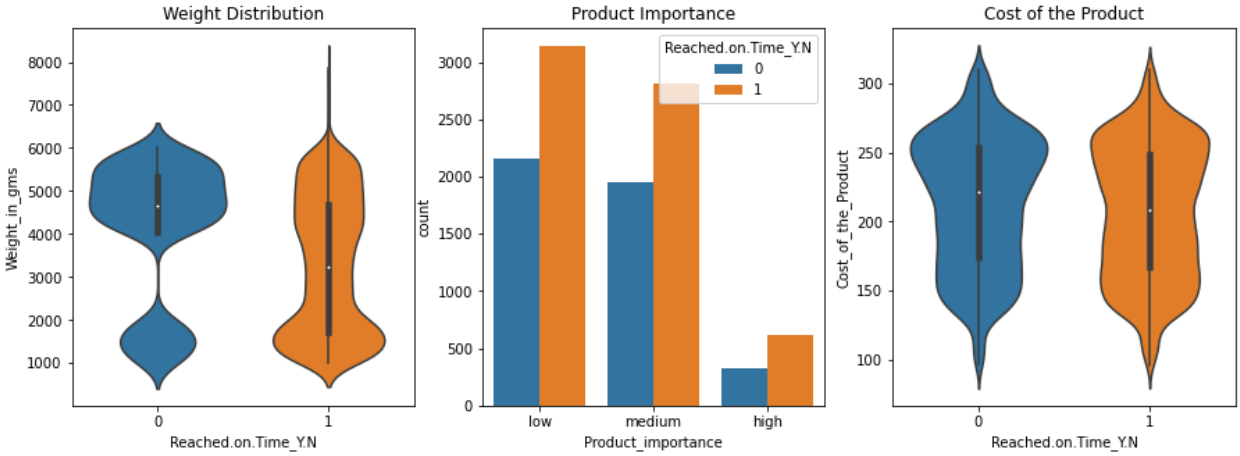

Customer Care Calls
count
Customer_care_calls

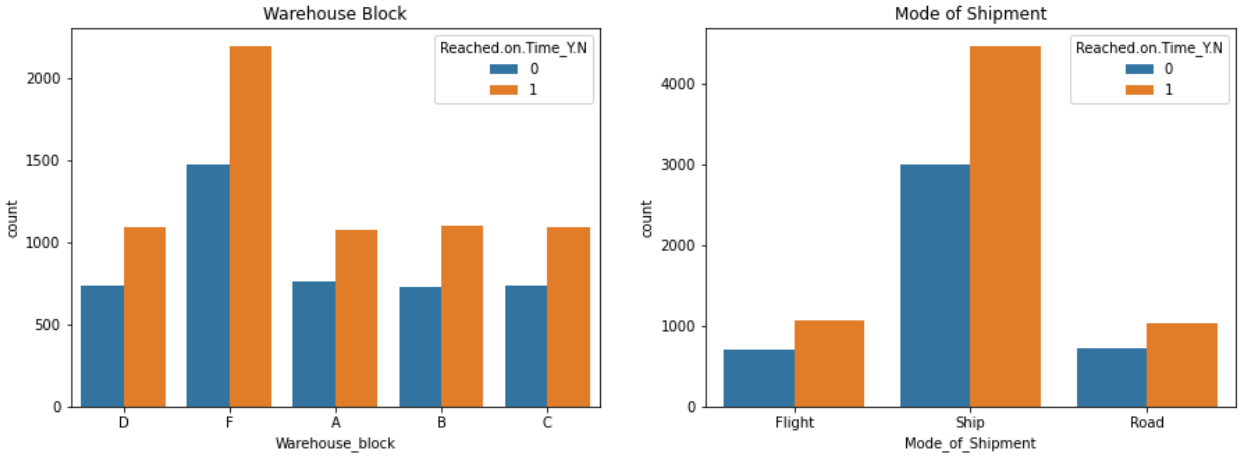

Customer Rating
count
Customer_rating

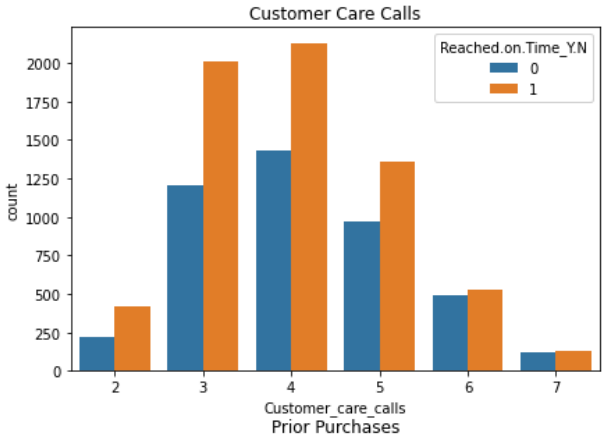

Prior Purchases
count
Prior_purchases

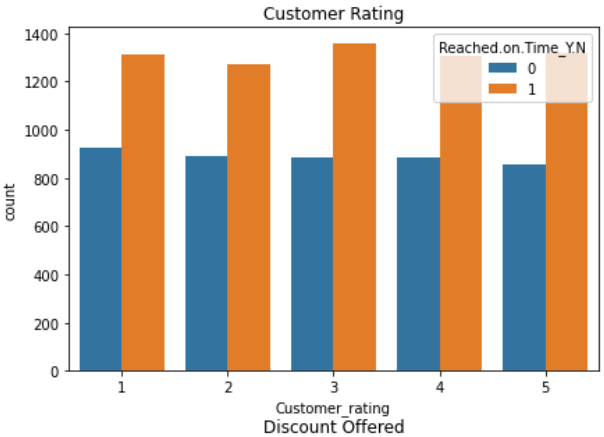

Discount Offered
Count
Discount_offered

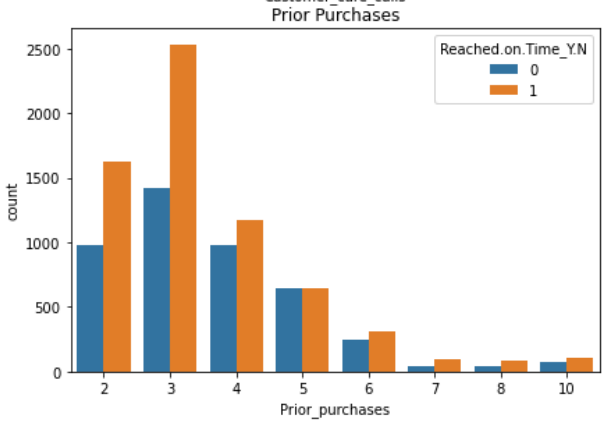

Gender vs Reached on Time
Reached.on.Time_Y.N
0
1
count
F
M
Gender

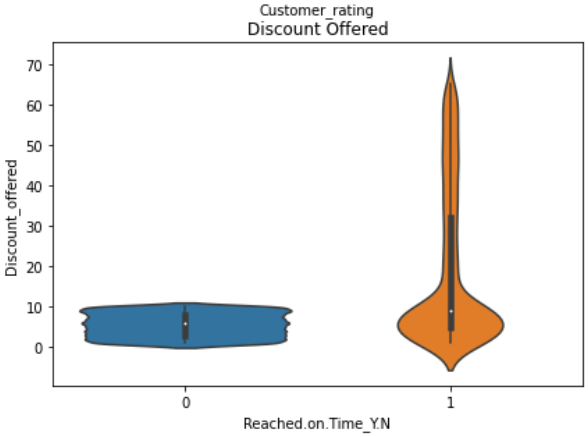

Weight Distribution
Weight_in_gms
Reached.on.Time_Y.N
Product Importance
count
Product_importance
low
medium
high
Reached.on.Time_Y.N
0
1
Cost of the Product
Cost_of_the_Product
Reached.on.Time_Y.N

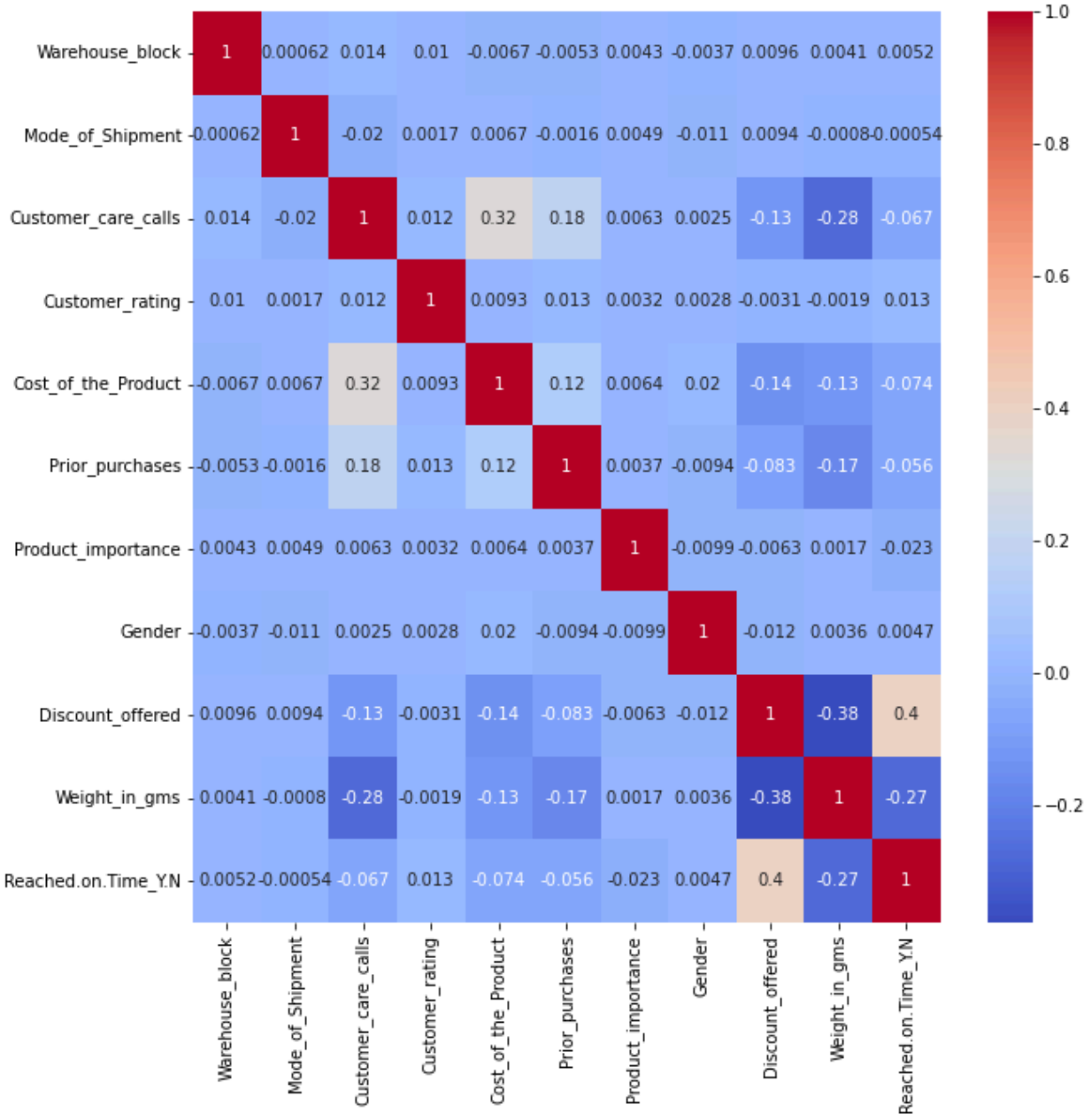

Warehouse Block
count
Warehouse_block
D
F
A
B
C
Reached.on.Time_Y.N
0
1
Mode of Shipment
count
Mode_of_Shipment
Flight
Ship
Road

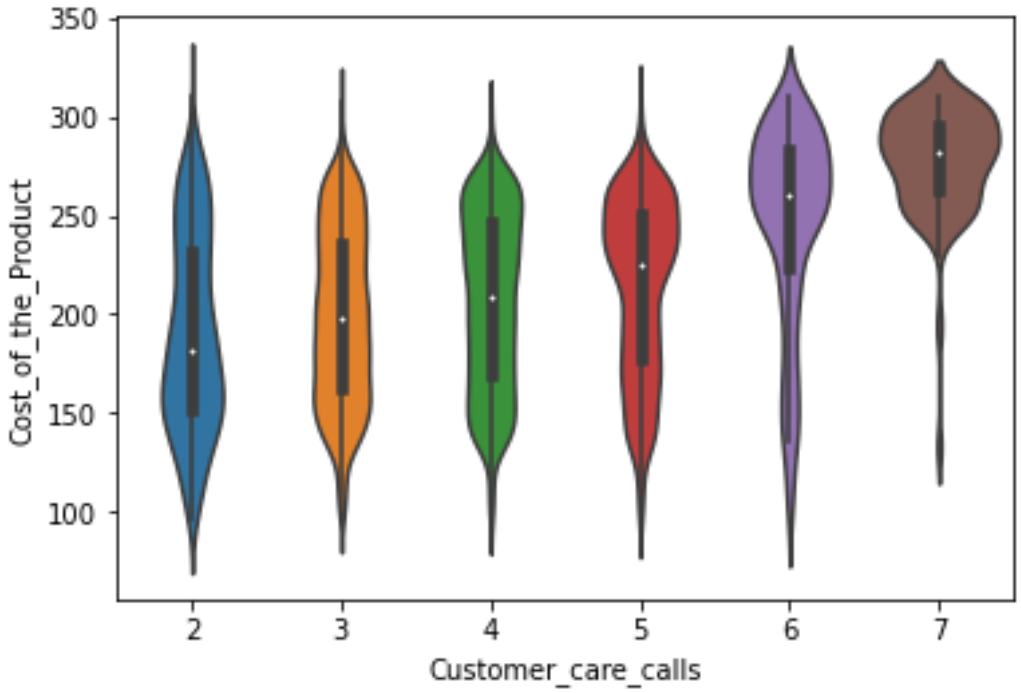

Customer Care Calls
Reached.on.Time_Y.N
0
1
count
Customer_care_calls

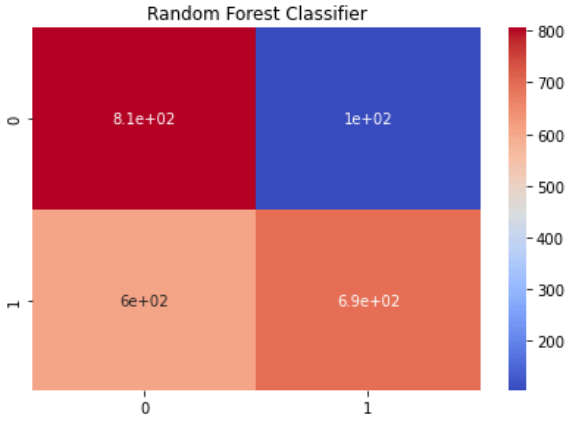

Customer Rating
Reached.on.Time_Y.N
0
1
count
Customer_rating

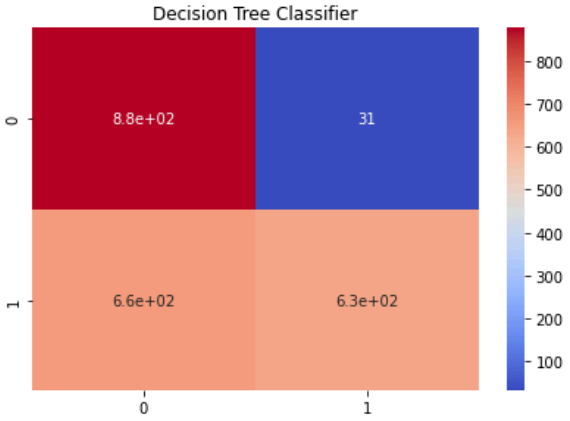

Prior Purchases
Reached.on.Time_Y.N
0
1
count
Prior_purchases

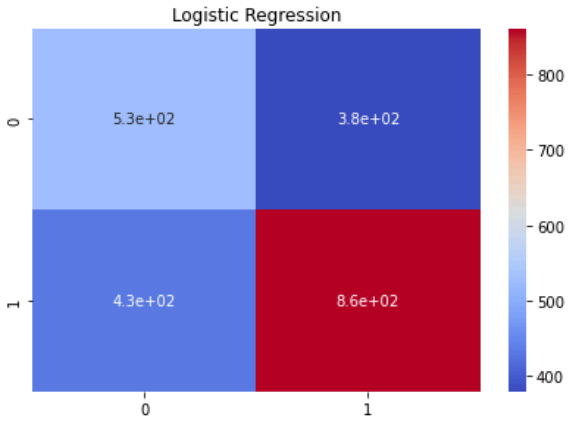

Discount Offered
Discount_offered
Reached.on.Time_Y.N

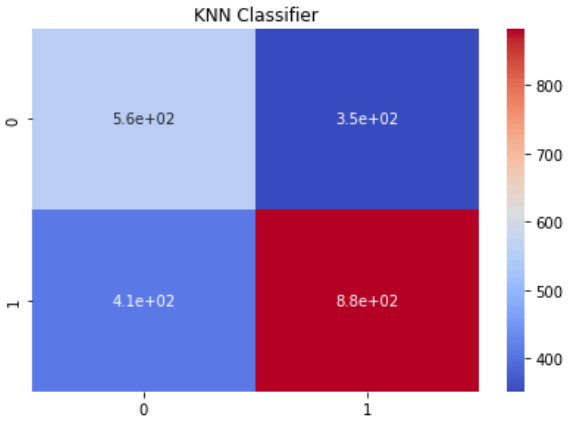

Warehouse_block 1 0.00062 0.014 0.01 -0.0067 -0.0053 0.0043 -0.0037 0.0096 0.0041 0.0052
Mode_of_Shipment 0.00062 1 -0.02 0.0017 0.0067 -0.0016 0.0049 -0.011 0.0094 -0.0008 -0.00054
Customer_care_calls 0.014 -0.02 1 0.012 0.32 0.18 0.0063 0.0025 -0.13 -0.28 -0.067
Customer_rating 0.01 0.0017 0.012 1 0.0093 0.013 0.0032 0.0028 -0.0031 -0.0019 0.013
Cost_of_the_Product -0.0067 0.0067 0.32 0.0093 1 0.12 0.0064 0.02 -0.14 -0.13 -0.074
Prior_purchases -0.0053 -0.0016 0.18 0.013 0.12 1 0.0037 -0.0094 -0.083 -0.17 -0.056
Product_importance 0.0043 0.0049 0.0063 0.0032 0.0064 0.0037 1 -0.0099 -0.0063 0.0017 -0.023
Gender -0.0037 -0.011 0.0025 0.0028 0.02 -0.0094 -0.0099 1 -0.012 0.0036 0.0047
Discount_offered 0.0096 0.0094 -0.13 -0.0031 -0.14 -0.083 -0.0063 -0.012 1 -0.38 0.4
Weight_in_gms 0.0041 -0.0008 -0.28 -0.0019 -0.13 -0.17 0.0017 0.0036 -0.38 1 -0.27
Reached.on.Time_Y.N 0.0052 -0.00054 -0.067 0.013 -0.074 -0.056 -0.023 0.0047 0.4 -0.27 1
Warehouse_block
Mode_of_Shipment
Customer_care_calls
Customer_rating
Cost_of_the_Product
Prior_purchases
Product_importance
Gender
Discount_offered
Weight_in_gms
Reached.on.Time_Y.N
1.0
0.8
0.6
0.4
0.2
0.0
−0.2

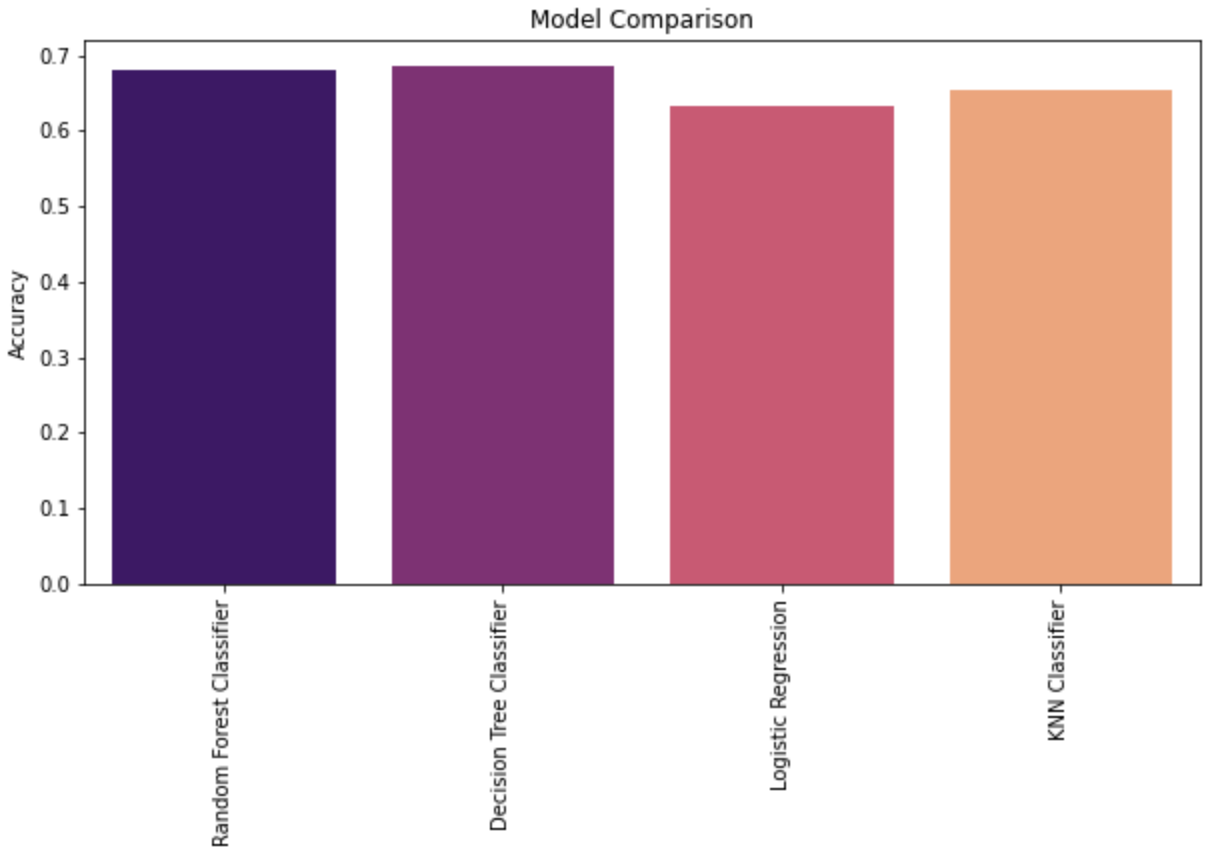

Cost_of_the_Product
Customer_care_calls
350
300
250
200
150
100
2
3
4
5
6
7


Random Forest Classifier
8.1e+02
1e+02
6e+02
6.9e+02
0
1
800
700
600
500
400
300
200


Decision Tree Classifier
8.8e+02
31
6.6e+02
6.3e+02
0
1
800
700
600
500
400
300
200
100


Logistic Regression
5.3e+02
3.8e+02
4.3e+02
8.6e+02
0
1
800
700
600
500
400


KNN Classifier
5.6e+02
3.5e+02
4.1e+02
8.8e+02
0
1
800
700
600
500
400


Model Comparison
Accuracy
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Random Forest Classifier
Decision Tree Classifier
Logistic Regression
KNN Classifier