

Prediction Report - LogisticRegression

Accuracy: 0.5340

ROC-AUC: 0.5460

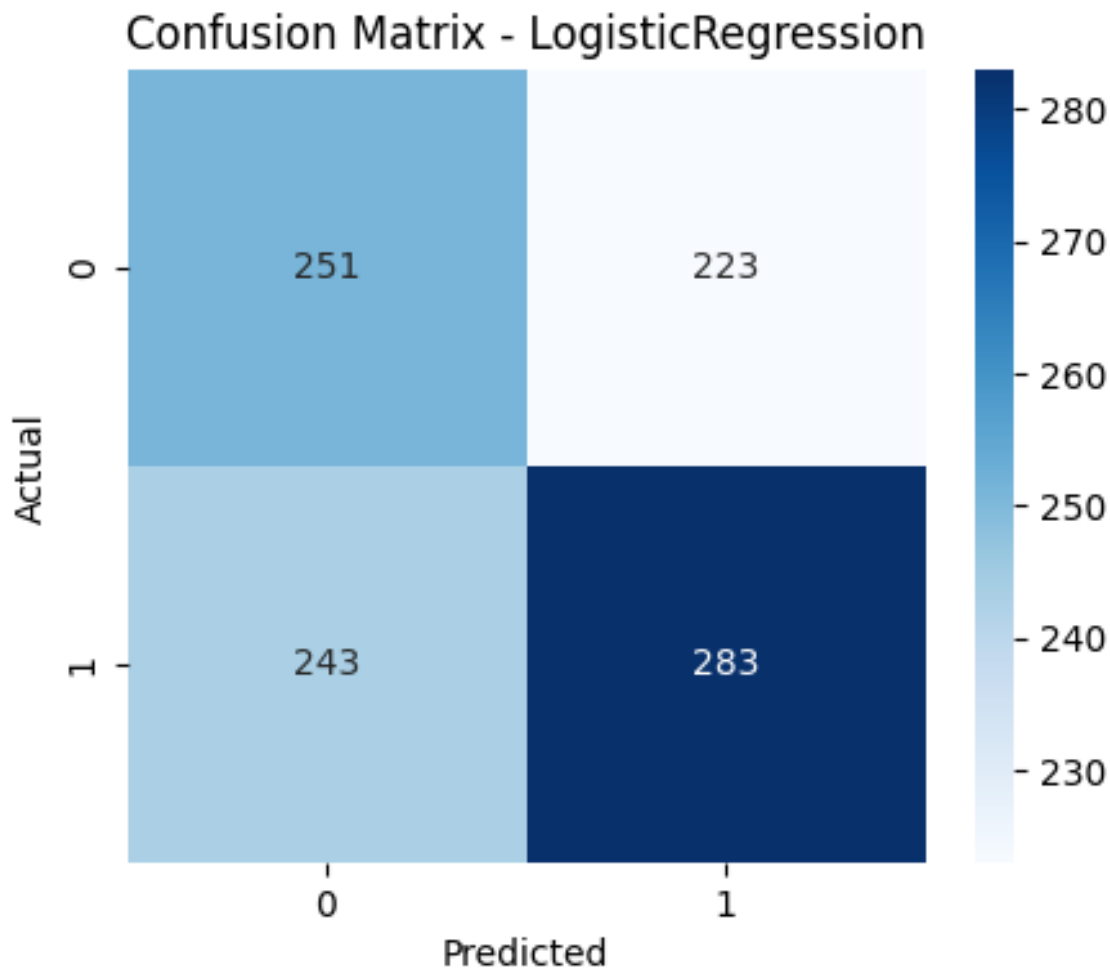
Classification Report:

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precision  recall  f1-score  support
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0	0.51	0.53	0.52	474
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1	0.56	0.54	0.55	526
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accuracy		0.53	1000	
macro avg	0.53	0.53	0.53	1000
weighted avg	0.54	0.53	0.53	1000



Sample Predictions (first 10 rows):

Customer_ID	Age	Gender	Annual_Income	Total_Spend	Years_as_Customer
Num_of_Purchases	Average_Transaction_Amount		Num_of>Returns		Num_of_Support_Contacts
Satisfaction_Score	Last_Purchase_Days_Ago		Email_Opt_In	Promotion_Response	Actual
Predicted	Predicted_Probability				
1	62	2	45.15	5892.58	5
22		453.80	2		0

3			129	1		1	1	0
	0.437235							
	2	65	1	79.51	9025.47		13	
77			22.90		2		2	
3			227	0		1	0	0
	0.461930							
	3	18	1	29.19	618.83		13	
71			50.53		5		2	
2			283	0		1	1	0
	0.477616							
	4	21	2	79.63	9110.30		3	
33			411.83		5		3	
5			226	1		0	1	1
	0.537858							
	5	21	2	77.66	5390.88		15	
43			101.19		3		0	
5			242	0		2	0	1
	0.514414							
	6	57	1	190.43	255.19		19	
85			417.78		5		1	
4			130	0		2	0	0
	0.357507							
	7	27	1	172.13	3512.55		3	
77			316.18		0		3	
1			61	1		2	0	0
	0.438152							
	8	37	2	88.90	7270.90		4	
87			63.61		3		4	
3			224	0		0	0	1
	0.527622							
	9	39	2	24.46	4935.49		1	
21			173.80		9		2	
4			126	1		1	1	1
	0.519388							
	10	68	2	169.59	9803.57		17	
34			481.18		6		1	
2			171	1		2	0	0
	0.394274							