

Customer Churn Analysis Report

Statistical Summary:

	tenure	MonthlyCharges	TotalCharges
count	7031.000000	7031.000000	7031.000000
mean	32.425971	64.796715	2283.590471
std	24.544497	30.087853	2266.802090
min	1.000000	18.250000	18.800000
25%	9.000000	35.575000	401.675000
50%	29.000000	70.350000	1397.650000
75%	55.000000	89.875000	3794.975000
max	72.000000	118.750000	8684.800000

Model Evaluation:

Confusion Matrix:

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[[957 79]
 [206 167]]
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Classification Report:

	precision	recall	f1-score	support
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No	0.82	0.92	0.87	1036
Yes	0.68	0.45	0.54	373

accuracy			0.80	1409
macro avg	0.75	0.69	0.70	1409
weighted avg	0.78	0.80	0.78	1409

