Dataset statistics Number of variables Number of observations Missing cells Missing cells (%) Duplicate rows Duplicate rows (%)	oduction	20 7043 0 0.0% 20 0.3%	Variable type Categorical Boolean Numeric	S		13 5 2
Total size in memory Average record size in memory Variables		0.3% 1.1 MiB 160.0 B				
gender Categorical	Distinct Distinct (%) Missing Missing (%) Memory size	2 < 0.1% 0 0.0% 55.1 KiB		Male Female		3555 3488 Toggle details
SeniorCitizen Categorical	Distinct Distinct (%) Missing Missing (%) Memory size	2 < 0.1% 0 0.0% 55.1 KiB		0 1	1142	Toggle details
Partner Boolean HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	2 < 0.1% 0 0.0% 7.0 KiB		False True		3641
Dependents Boolean HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	2 < 0.1% 0 0.0% 7.0 KiB		False True	2110	Toggle details 4933
tenure Real number (R≥0) HIGH CORRELATION	Distinct (%) Missing Missing (%)	73 1.0% 0 0.0%	Minimum Maximum Zeros Zeros (%) Negative	0 72 11 0.2%		Toggle details
PhoneService Boolean HIGH CORRELATION HIGH CORRELATION		0.0% 32.37114866 2 < 0.1% 0 0.0% 7.0 KiB	Memory size	55.1 KiB True False	682	Toggle details 6361 Toggle details
MultipleLines Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB		No Yes No phone service		3390
InternetService Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB		Fiber optic DSL No	242 1526	Toggle details Toggle details
OnlineSecurity Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	2019 1526	Toggle details
OnlineBackup Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	242 1526	
DeviceProtection Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	242 1526	
TechSupport Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	2044 1526	Toggle details Toggle details
StreamingTV Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	1526	2810 2707 Toggle details
StreamingMovies Categorical HIGH CORRELATION HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB	N	No Yes o internet service	1526	2785 2732 Toggle details
Contract Categorical HIGH CORRELATION	Distinct Distinct (%) Missing Missing (%) Memory size	3 < 0.1% 0 0.0% 55.1 KiB		Month-to-month Two year One year	1695 1473	3875
PaperlessBilling Boolean	Distinct Distinct (%) Missing Missing (%) Memory size	2 < 0.1% 0 0.0% 7.0 KiB		True False	2872	Toggle details 4171
PaymentMethod Categorical	Distinct Distinct (%) Missing Missing (%) Memory size	4 0.1% 0 0.0% 55.1 KiB		Electronic check Mailed check ansfer (automatic) t card (automatic)	1612 1544 1522	Toggle details 2365
MonthlyCharges Real number (R≥0) HIGH_CORRELATION	Distinct (%) Missing Missing (%) Infinite Infinite (%)	1585 22.5% 0 0.0% 0 0.0% 64.76169246	Minimum Maximum Zeros Zeros (%) Negative Negative (%) Memory size	18.25 118.75 0 0.0% 0 0.0% 55.1 KiB	₽ %	Toggle details
TotalCharges Categorical HIGH CARDINALITY UNIFORM	Distinct Distinct (%) Missing Missing (%) Memory size	6531 92.7% 0 0.0% 55.1 KiB	Ot	20.2 19.75 20.05 19.9 her values (6526)	9 8	Toggle details
Churn Boolean	Distinct Distinct (%) Missing Missing (%)	2 < 0.1% 0 0.0%		False True	1869	Toggle details 5174
Interactions tenure MonthlyCharges MonthlyCharges tenure	Memory size	7.0 KiB				Toggle details
100 80 40 20 0	10	20 30 te	40 50 nure	60	70	
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Pandas Profiling Report

Sample

Duplicate rows