

Automated EDA & ML Report

Dataset Summary:

CustomerID Age Income MonthlySpend Tenure SupportTickets Churn count 20.00000 20.000000
20.00000 20.000000 20.000000 20.000000 20.000000 mean 10.50000 36.700000 58950.00000
1882.500000 33.350000 2.050000 0.400000 std 5.91608 9.347671 15652.39178 435.670989
15.891987 0.887041 0.502625 min 1.00000 23.000000 35000.00000 1200.000000 10.000000
1.000000 0.000000 25% 5.75000 28.750000 46000.00000 1487.500000 19.000000 1.000000
0.000000 50% 10.50000 35.500000 58500.00000 1875.000000 33.000000 2.000000 0.000000
75% 15.25000 45.500000 72750.00000 2262.500000 48.500000 3.000000 1.000000 max
20.00000 52.000000 86000.00000 2600.000000 60.000000 4.000000 1.000000

Model Performance:

LinearRegression: -1.2443

RandomForestRegressor: -0.0554