Data Cleaning Report
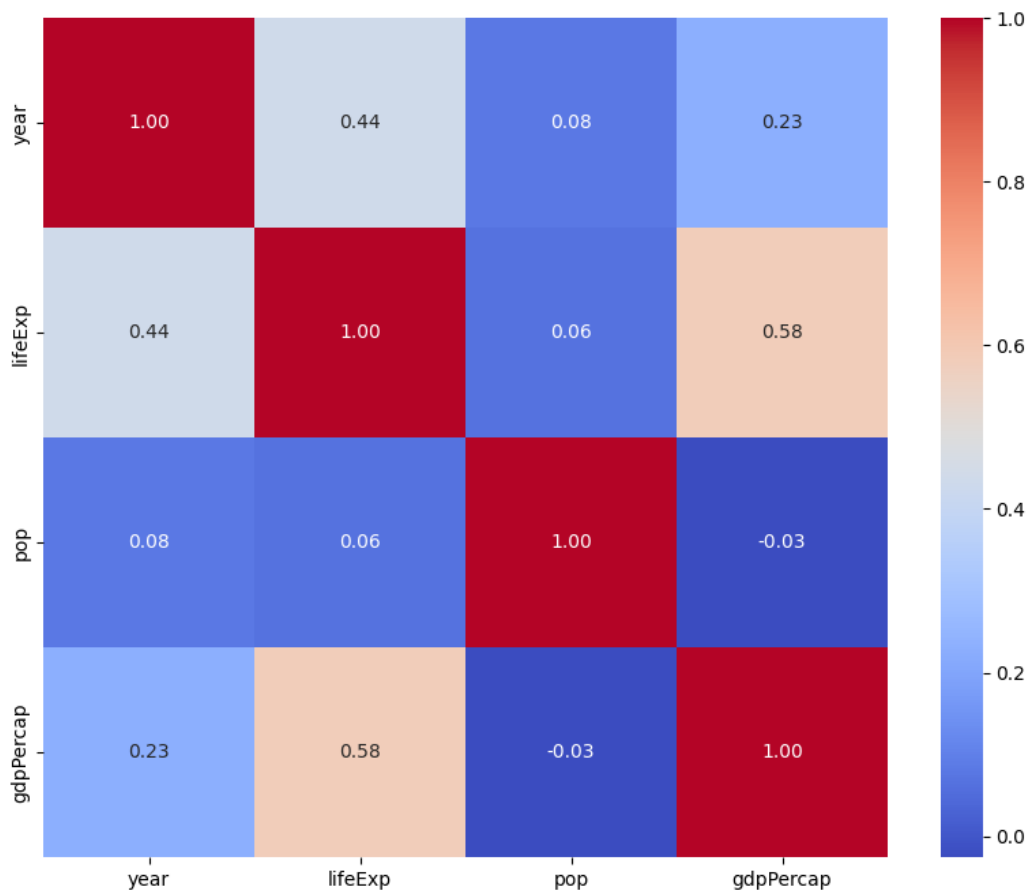
Total Missing Values: 14

Total Duplicate Rows: 0

Outlier Analysis

Outliers per column: {'year': 0, 'lifeExp': 0, 'pop': 208, 'gdpPercap': 143}
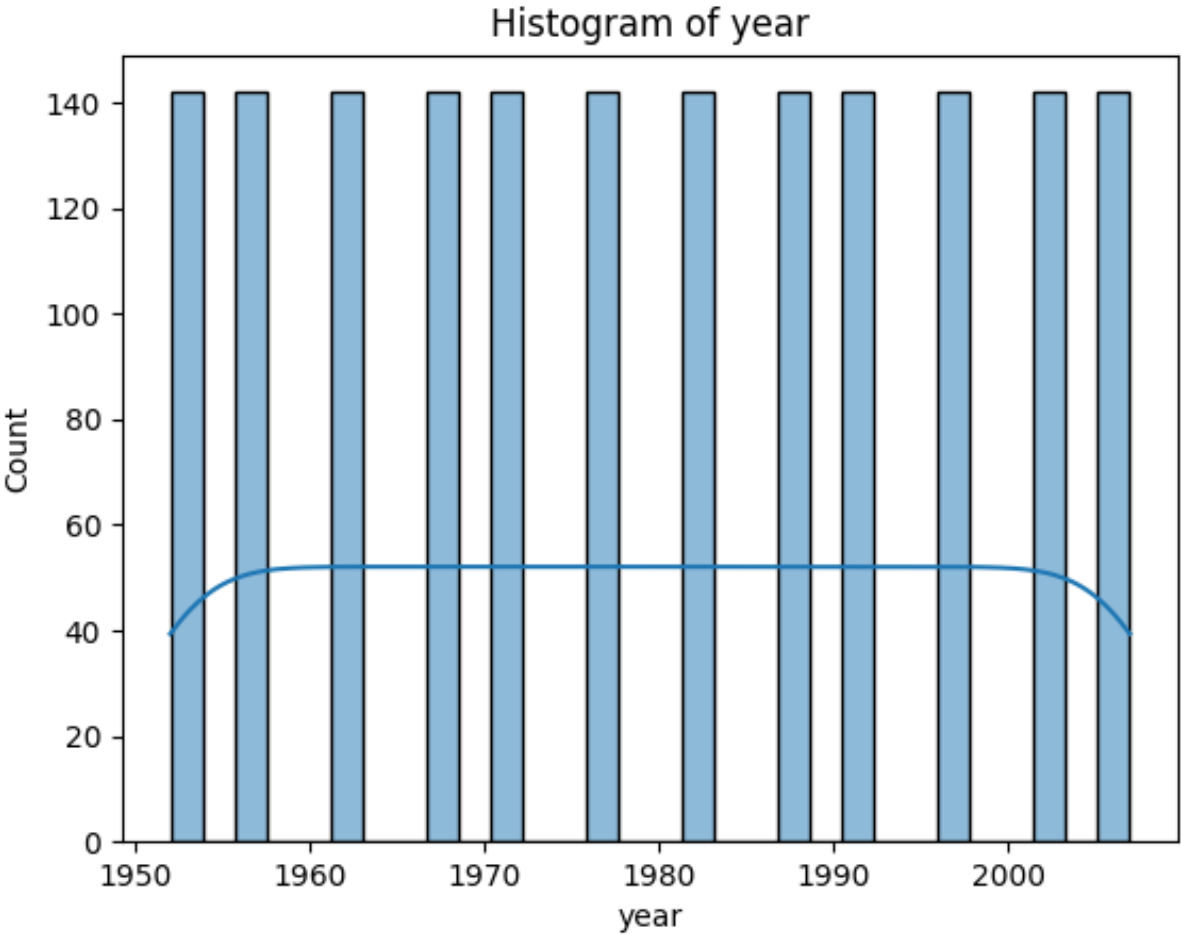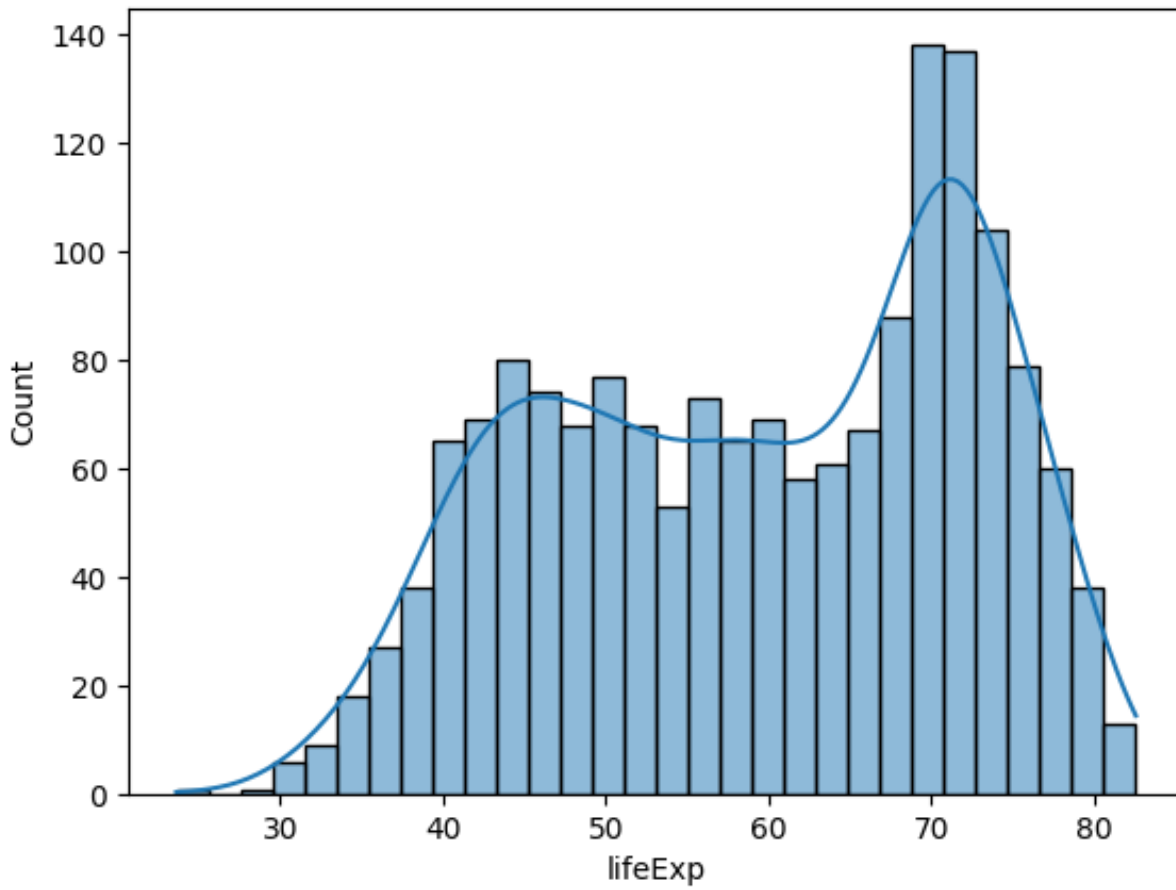
Correlation Matrix

AI-Powered Cleaning Suggestions

Potential anomalies detected: {'pop': {'Outlier Values': [556263527, 637408000, 665770000, 754550000, 862030000, 943455000, 1000281000, 1084035000, 1164970000, 1230075000, 1280400000, 1318683096, 372000000, 409000000, 454000000, 506000000, 567000000, 634000000, 708000000, 788000000, 872000000, 959000000, 1034172547, 1110396331], 'Suggested Fix': 'Consider replacing with median 7023595.5'}, 'gdpPercap': {'Outlier Values': [39724.97867, 40675.99635, 108382.3529, 113523.1329, 95458.11176, 80894.88326, 109347.867, 59265.47714, 40300.61996, 47306.98978, 36797.93332, 41283.16433, 44683.97525, 49357.19017, 47143.17964, 37506.41907, 39097.09955, 42951.65309], 'Suggested Fix': 'Consider replacing with median 3531.8469885'}}
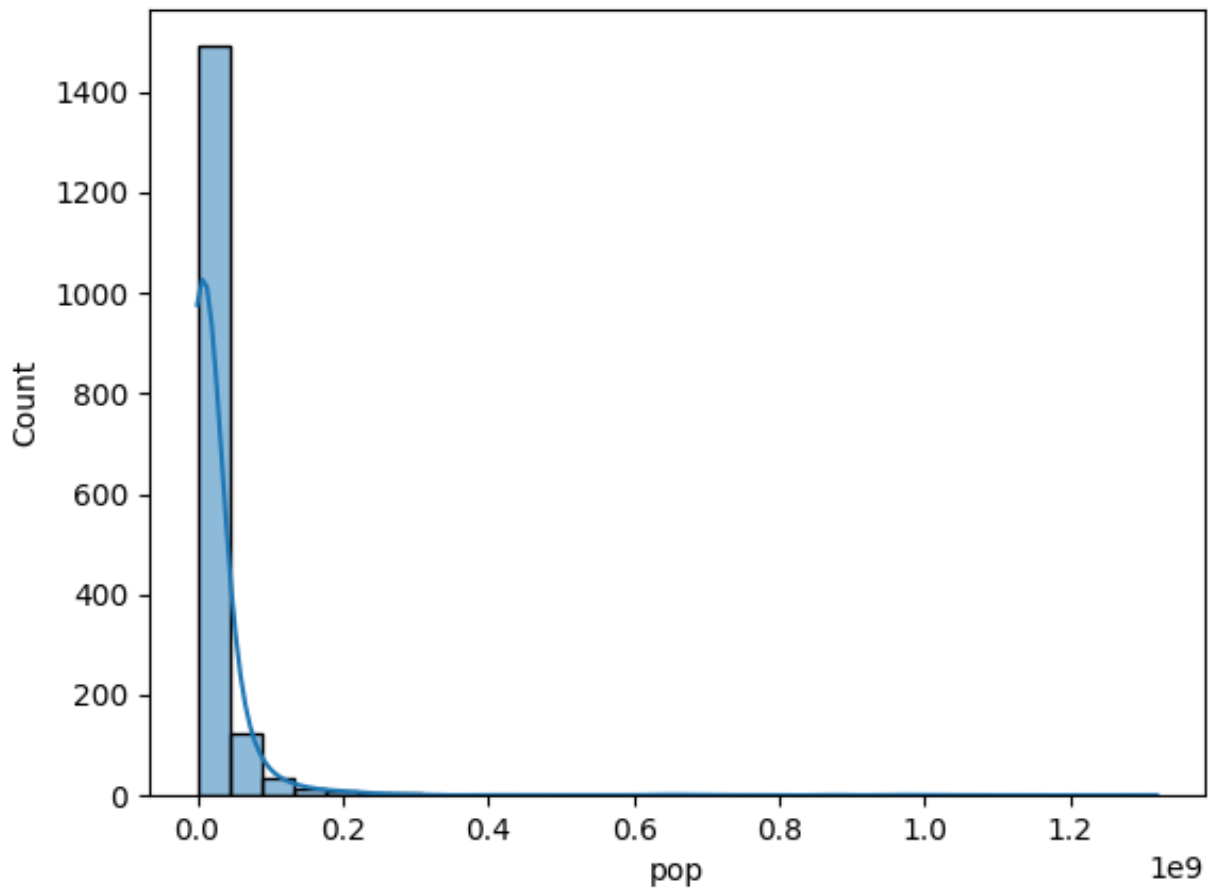
Data Distribution (Histograms)

Histogram of year

Histogram of lifeExp

Histogram of pop

Histogram of gdpPercap