Experiment-5

OUTPUT:-

Basic Information about the Dataset:

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 176 entries, 0 to 175

Data columns (total 11 columns):

# Column Non-Null Count Dtype

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0 country 176 non-null object

1 MostDangerousCountriesForWomen\_WomenPeaceAndSecurityIndex\_Score\_2023 176 non-null float64

2 MostDangerousCountriesForWomen\_WomensDangerIndexWDI\_TotalScore\_2019 50 non-null float64

3 MostDangerousCountriesForWomen\_WDIStreetSafety\_2019 50 non-null float64

4 MostDangerousCountriesForWomen\_WDIIntentionalHomicide\_2019 50 non-null float64

5 MostDangerousCountriesForWomen\_WDINonPartnerViolence\_2019 50 non-null float64

6 MostDangerousCountriesForWomen\_WDIIntimatePartnerViolence\_2019 50 non-null float64

7 MostDangerousCountriesForWomen\_WDILegalDiscrimination\_2019 50 non-null float64

8 MostDangerousCountriesForWomen\_WDIGlobalGenderGap\_2019 50 non-null float64

9 MostDangerousCountriesForWomen\_WDIGenderInequality\_2019 50 non-null float64

10 MostDangerousCountriesForWomen\_WDIAttitudesTowardViolence\_2019 50 non-null float64

dtypes: float64(10), object(1)

memory usage: 15.3+ KB

None

Descriptive Statistics:

MostDangerousCountriesForWomen\_WomenPeaceAndSecurityIndex\_Score\_2023 ... MostDangerousCountriesForWomen\_WDIAttitudesTowardViolence\_2019

count 176.000000 ... 50.000000

mean 0.680330 ... 33.980000

std 0.148371 ... 22.232987

min 0.286000 ... 7.000000

25% 0.581500 ... 20.000000

50% 0.691500 ... 24.000000

75% 0.796500 ... 51.750000

max 0.932000 ... 100.000000

[8 rows x 10 columns]

Missing Values per Column:

country 0

MostDangerousCountriesForWomen\_WomenPeaceAndSecurityIndex\_Score\_2023 0

MostDangerousCountriesForWomen\_WomensDangerIndexWDI\_TotalScore\_2019 126

MostDangerousCountriesForWomen\_WDIStreetSafety\_2019 126

MostDangerousCountriesForWomen\_WDIIntentionalHomicide\_2019 126

MostDangerousCountriesForWomen\_WDINonPartnerViolence\_2019 126

MostDangerousCountriesForWomen\_WDIIntimatePartnerViolence\_2019 126

MostDangerousCountriesForWomen\_WDILegalDiscrimination\_2019 126

MostDangerousCountriesForWomen\_WDIGlobalGenderGap\_2019 126

MostDangerousCountriesForWomen\_WDIGenderInequality\_2019 126

MostDangerousCountriesForWomen\_WDIAttitudesTowardViolence\_2019 126

dtype: int64

Unique Values per Column:

country 176

MostDangerousCountriesForWomen\_WomenPeaceAndSecurityIndex\_Score\_2023 147

MostDangerousCountriesForWomen\_WomensDangerIndexWDI\_TotalScore\_2019 50

MostDangerousCountriesForWomen\_WDIStreetSafety\_2019 35

MostDangerousCountriesForWomen\_WDIIntentionalHomicide\_2019 22

MostDangerousCountriesForWomen\_WDINonPartnerViolence\_2019 22

MostDangerousCountriesForWomen\_WDIIntimatePartnerViolence\_2019 33

MostDangerousCountriesForWomen\_WDILegalDiscrimination\_2019 24

MostDangerousCountriesForWomen\_WDIGlobalGenderGap\_2019 30

MostDangerousCountriesForWomen\_WDIGenderInequality\_2019 40

MostDangerousCountriesForWomen\_WDIAttitudesTowardViolence\_2019 28

dtype: int64

Heatmap for Missing Values:

Correlation Matrix:

Histograms for Numerical Columns: