YOUR SCRIPT SHOULD PRINT OUT THE FOLLOWING ON THE SCREEN

Missing values in dataframe A: True

Missing values in dataframe B: False

Missing values in dataframe C: True

Missing values in dataframe D: True

Number of missing values in each column in A: [1, 2, 1, 2]

Number of missing values in each column in B: [0, 0, 0, 0, 0, 0, 0]

Number of missing values in each column in C: [4, 3, 4, 3, 0]

Number of missing values in each column in D: [1, 0, 1, 0, 1, 2, 3, 3, 3, 3]

Total number of missing values in A: 6

Total number of missing values in B: 0

Total number of missing values in C: 14
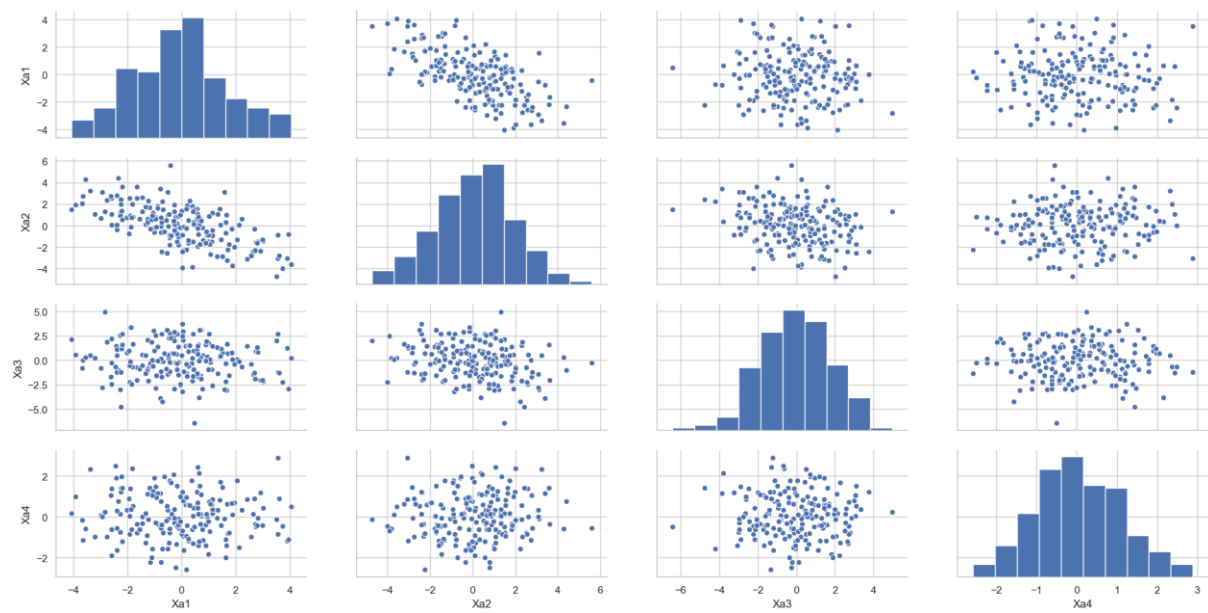
Total number of missing values in D: 17

ID of rows with missing values in A: ['obj 5', 'obj 36', 'obj 120', 'obj 166']
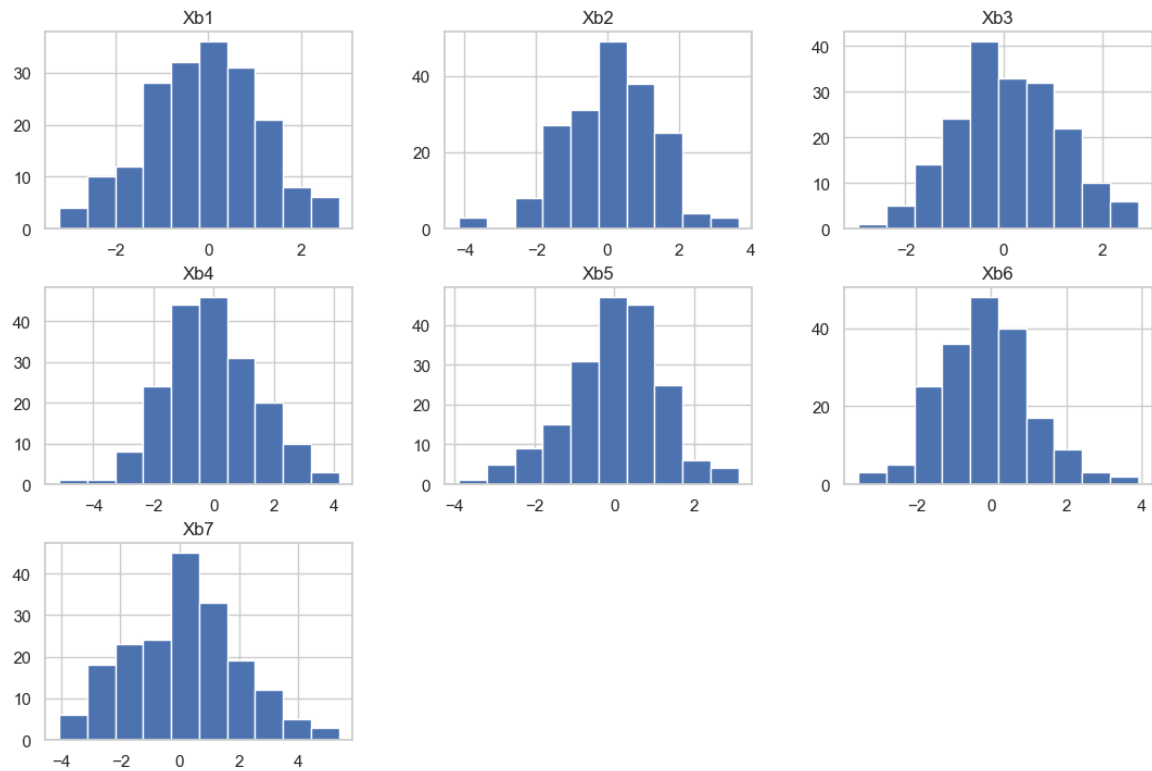
ID of rows with missing values in B: []

ID of rows with missing values in C: ['obj 5', 'obj 138', 'obj 141', 'obj 143']

ID of rows with missing values in D: ['obj 55', 'obj 80', 'obj 120', 'obj 162', 'obj 184', 'obj 185']
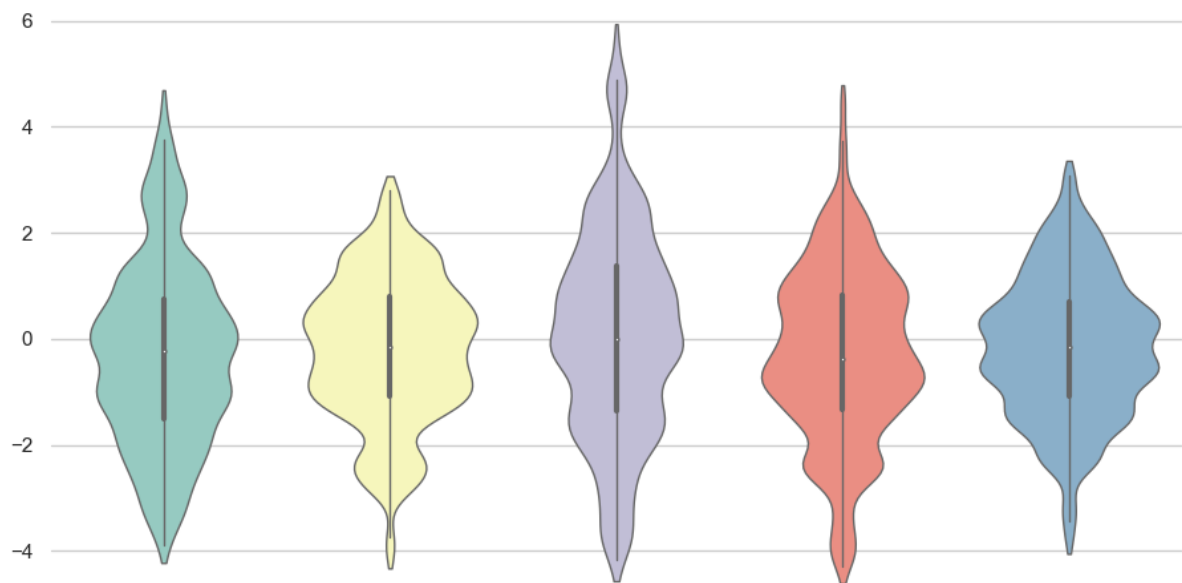
Scatter matrix plot for dataframe A without missing values (188 rows, 4 columns)

Histograms for dataframe B without missing values (188 rows, 7 columns)

Violin plot for dataframe C without missing values (188 rows, 5 columns)

Heatmap of correlations of dataframe D without missing values (188 rows, 10 columns)