Submission 1:

Graphical user interface, text, application, email

Description automatically generated

Submission 2: Analysis of info()

1. There are 544 data instances.
2. There are 4 features.
3. The names of the features are height, weight, age, and male.
4. There doesn’t seem to be any missing values.
5. Male seems to be a non-numeric feature, but it has been converted into an integer, so, no, there are no non-numeric features

Submission 3:

Graphical user interface

Description automatically generated with medium confidence

Submission 4: Distribution Analysis

1. These instances do not appear to be sorted.
2. The units appear to be centimeters.
3. They appear to be in kilograms.
4. The min is 0. The median is 27. The max is 88.
5. Height and weight have the highest correlation.

Submission 5:

Chart, histogram

Description automatically generated

Submission 6: Visualization Analysis

1. The height distribution is skewed to the left. The weight distribution is bimodal with one of the modes being higher than the other. The age distribution is skewed to the right.
2. Age seems to start out linear with a strong positive correlation, and, then, when we reach a certain age weight flattens out.
3. Most are young. Most are under 50 with a few of these people well above 50.
4. I would say that in modern times there would be more people in the bins at the right of the histogram as people have gotten more access to medical care.

Submission 7: Better Graph

Graphical user interface, scatter chart

Description automatically generated

1. It seems to change around the age of 20.

Submission 8:

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Submission 9:

Graphical user interface, text, application

Description automatically generated

Submission 10:

Chart, scatter chart

Description automatically generated

Submission 11:

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

Submission 12:

Chart, scatter chart

Description automatically generated

Submission 13: Computations

Compute the male/female ratio

1. Adult 164/182 = .901
2. Train 135/141 = .957
3. Test 29/41 = .707

Submission 14: Computation

Compute male/female ratio

1. Adult 164/182 = .901
2. Train 131/145 = .903
3. Test 33/37 = .892