This data set included five variables:  
 -smoking, female and cardiac as categorical binary variables

-and cost and age as continuous variables

For age, the minimum was 18 and maximum 2was 70, with a median age of 44 years and mean of 43.94 years.

For cost, the minimum was 7878, maximum was 10790, and median 9,143. The mean was 9,166.

There were a total of 5,000 entries.

Given that the average for smoking was 0.1578, there were 789 entries for smoking.

Given that the average for female was 0.5548, there were 2,774 women

Given that average for cardiac was 0.05, there were 250 cardiac events.

The correlation between age and smoking was -0.586, with an intercept at 44.021.

The relationship between age and cardiac event was 1.665, with an intercept at 43.885.

A graph of a graph with a number of squares

AI-generated content may be incorrect.

Here is a box plot comparing gender with age.

I did not use generative AI technology to complete any portion of this work.