Orange Lab 2

Identify how many people who were traveling alone survived:

Graphical user interface

Description automatically generated

Overall, more than half of these people did not survive the journey. Only 30.25% of the people traveling alone survived.

Is there a relationship between class and survival rate?

Graphical user interface, application

Description automatically generated

Most of those who did not survive were in 3rd class, and the class in which more people survived than died was 1st class, so there seems to be a connection between class and survival rate.

How does class affect survival?

A screenshot of a computer

Description automatically generated

Many of the people in 1st class were older than those in the other two classes, indicating there may be a connection between age and passenger class

Is there a relationship between gender and survival?

Graphical user interface, application

Description automatically generated

The sex with the most deaths was male, and the sex with the most survivals were female, indicating there is a connection between sex and survival rate. Women seemed to have a higher survival rate than men.

Own question: Which age group had the most deaths?

Graphical user interface

Description automatically generated

The age group with the greatest disparity between the number of survivals and deaths was adult, in which more adults died than did survive. The survivals and deaths of the children seem almost equal, while more infants survived than died.

Own question: What was the age distribution like among the sexes?

Graphical user interface

Description automatically generated

Most of the passengers aboard the titanic were adult males, and most of the passengers among the age groups were adults. There seemed to be an equal amount of male and female children aboard.