A graph of age distribution

Description automatically generatedTitanic Data Set Analysis

The graph above shows the range of the ages of people and how many people are that age. This range of ages can be useful for other calculations during analyzing.

Figure 1. Graph of the ages of people on the boat

A graph with blue dots

Description automatically generated

I decided to use a scatter plot with a linear regression line with the age and the fare data to show that there is no relation between age and the fare cost that they are charged.

Figure 2 . Graph of the age vs fare of the passengers

A graph of number of survivors

Description automatically generatedThis graph shows how many people survived per class with the number of survivors on the vertical axis and the class on the horizontal.

A screenshot of a computer screen

Description automatically generatedThis image is a pie chart of all the people that embarked, which section they are in and how many people are in each. It is obvious that the most people embarked from S.

A screenshot of a computer program

Description automatically generatedThe top of the image is showing how many people survived per Pclass and the bottom is showing how there is a not a relation purely on what class you are in and if you would have survived.

A screen shot of a computer program

Description automatically generatedThis whole image is showing the relationship between the fares of the passengers who embarked from each of the three ports. The overall conclusion is that there is no correlation between fare cost and where the passengers embarked from.