

TITANIC DATASET

DESCRIPTIVE ANALYSIS

1. The total number of passengers in the Ship
There were 418 passengers aboard the ship.
2. The total number of 1st, 2nd and 3rd class passengers
There were 107 passengers that boarded the ship with 1st class ticket, 93 with 2nd class and 218 with 3rd class ticket.
3. What age group had the most and the least passengers.
Passengers were grouped into four categories based on their ages.
I noticed some passenger's and nil ages, so I used the average number to substitute.
The first group was the Teenagers (0-19), with 15% (68), Youth category (20-39), with 66% (275), Adult (40-59), with 16% (68) and lastly Elders (>60) with 3% (14). The Youth category had the highest number of passengers, while the Elders category was the least with 14 in total.
4. Total number of Male and Female passengers
63% (266) of the passengers were male, while 36% (152) were female.
5. What is the sum, average, max and min fare price?
The total fare was \$14,856.54, Average fare \$35.63, Maximum fare \$512.33 and Minimum fare \$3.17 (Based on the fact that I noticed some passengers didn't have the fare price indicated)
6. How many passengers embarked from each location?
A total number of 45 embarked from Cherbourg, 102 from Queenstown and 270 from Southampton.
7. How many male and female passengers were in each class?
From my analysis, 50 females brought the 1st class ticket, 30 females with the 2nd class ticket and 72 with the 3rd class ticket. While 57 males bought the 1st class ticket, 63 males with 2nd class ticket and 146 males with the 3rd class ticket.

TAILORED ANALYSIS

1. Total number of persons who survived and died.

The total number of survivals was 152 and the total number of death toll amounted to 266.

2. Survival rate for male and female.

From my analysis, all the male passengers aboard the Titanic ship died. While a total of 152 females survived.

3. How many people survived in each class.

A total number of 50 people survived in the 1st class category, 30 people in 2nd class and 72 in 3rd class.

4. Total number of survivals in each age class

Based on the age group, Teenagers (0-19) had a survival rate of 28 persons, Youth (20-39) with 94 in total, Adult (40-59) with 23 and Elders (>60) with 7 in number.

5. How many survived based on where they embarked from

Cherbourg had a survival rate of 40 people, Queenstown with 24 and Southampton with 88.

6. Ratio of survived male and female based on class.

The ratio of male to female who survived based on each class are 1st class 0:50, 2nd class 0:30 and 3rd class 0:72.

7. Ratio of survived male and female based on age group.

The ratio of male to female who survived based on class are as follows.

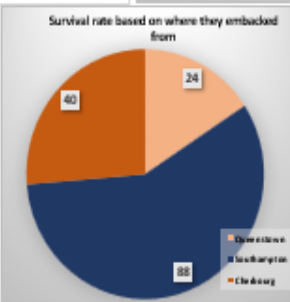
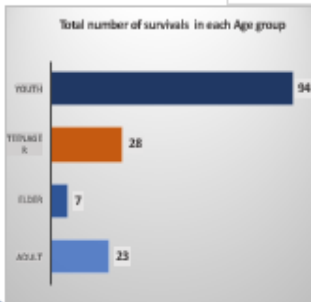
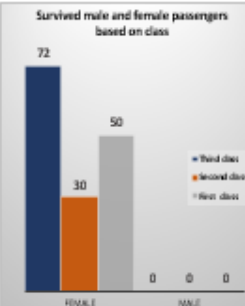
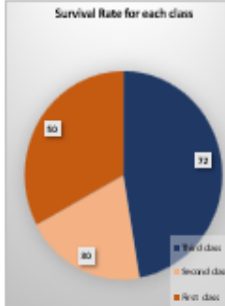
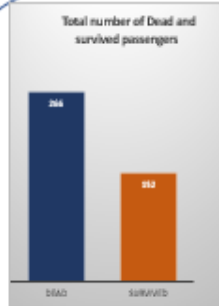
Teenagers (0-19) 0:28, Youth (20-39) 0:94, Adult (40-59) 0:23 and lastly Elders (>60) with 0:7

Find below the Dashboard for the Tailored Analysis

TITANIC DASHBOARD



TOTAL FARE	AVERAGE FARE	MINIMUM FARE	MAXIMUM FARE	TOTAL PASSENGERS
\$14,856.54	\$35.63	\$3.17	\$512.33	418



Sex

female

male

Survived

0

1

Passes

First class

Second class

Third class

Age group

Adult

Elder

Teenager

Youth

Embarked

Queenstown

Southampton

Charing