**Recommended analysis**

1. What is the survival rate of passengers on the ship?
2. What is the average age of passengers on the ship?
3. What is the ratio of male and female?
4. Which class has the highest survival rate?
5. What is the distribution of the fare paid by the passengers on the basis of their class?

**Result of Recommended Analysis**

1. Out of the **total 891** passengers on the ship, the survival rate is only **38.4% .** The no. of **survivors** is only **342**, while the no. of **deaths** recorded is **549**.

1. The **average age** of the person on the ship is **24** years.
2. The **Count of Male** on the ship is **577**, while the **ratio of Female** is **314**.
3. Based on the data given and the analysis performed using the pivot table and power query the class which has the **highest survival rate** is “**First class**” with **136** passengers followed by the “**Third class**” which has **119** passengers to survive , while “**Second class**” being the least survival class with only **87** survivors.
4. The distribution of the fare paid by the passengers based on their class is-

|  |  |
| --- | --- |
| **class** | **Total Fare paid** |
| First | $ 18,177 |
| Second | $ 3,802 |
| Third | $ 6,175 |
| **Total fare $ 28,694** | |