Summary of Key Insights:

- Female passengers had a significantly higher survival rate compared to male passengers.

- Passengers in 1st class had the highest survival rate, indicating social status influenced survival.

- Younger children (age <10) had a higher chance of survival compared to older adults.

- Survivors generally paid higher fares compared to non-survivors.

- Passengers who embarked from Cherbourg (C) had a higher survival rate compared to Southampton (S) and Queenstown (Q).

- The age distribution is right-skewed. Most passengers are between 20 and 40 years old, with fewer very young or elderly passengers.

- Fare distribution is heavily right-skewed. Majority paid less than 100, but a few outliers paid extremely high fares.

- More people did not survive than survived (~62% non-survivors, ~38% survivors).