```
**Overall insights**

1.Demographics:

-Mostly young adult passengers.

-More males than females.

2.Class & fare:

-1st class passengers paid higher fares.

-Higher class linked to better survival chances.

3.Missing data:

-Significant missing Cabin info — often dropped.

-Age and Embarked filled.

**Graphs Summary:**

1.Age distribution: Histogram

Shows how passenger ages are distributed.

Most passengers were likely between 20–40 years old.

Some children and elderly passengers are present, but fewer.

The KDE (density curve) highlights the peak around young adults

2.Fare distribution: Histogram

Fare is right-skewed — most passengers paid low fares.

A few passengers paid very high fares (1st class).

This confirms strong fare inequality among classes.

3.Age vs. Passenger Class: Boxplot

Visualizes if higher fare or age relates to survival.

Probably shows:

Many survivors cluster in low–mid fare ranges.

High-fare passengers mostly survived (1st class).
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What can I help you build?