Shape of the dataset: (891, 15)

Info about the dataset:

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 891 entries, 0 to 890

Data columns (total 15 columns):

# Column Non-Null Count Dtype

--- ------ -------------- -----

0 survived 891 non-null int64

1 pclass 891 non-null int64

2 sex 891 non-null object

3 age 714 non-null float64

4 sibsp 891 non-null int64

5 parch 891 non-null int64

6 fare 891 non-null float64

7 embarked 889 non-null object

8 class 891 non-null category

9 who 891 non-null object

10 adult\_male 891 non-null bool

11 deck 203 non-null category

12 embark\_town 889 non-null object

13 alive 891 non-null object

14 alone 891 non-null bool

dtypes: bool(2), category(2), float64(2), int64(4), object(5)

memory usage: 80.7+ KB

Summary Statistics:

survived pclass age sibsp parch fare

count 891.000000 891.000000 714.000000 891.000000 891.000000 891.000000

mean 0.383838 2.308642 29.699118 0.523008 0.381594 32.204208

std 0.486592 0.836071 14.526497 1.102743 0.806057 49.693429

min 0.000000 1.000000 0.420000 0.000000 0.000000 0.000000

25% 0.000000 2.000000 20.125000 0.000000 0.000000 7.910400

50% 0.000000 3.000000 28.000000 0.000000 0.000000 14.454200

75% 1.000000 3.000000 38.000000 1.000000 0.000000 31.000000

max 1.000000 3.000000 80.000000 8.000000 6.000000 512.329200

Missing Values:

survived 0

pclass 0

sex 0

age 177

sibsp 0

parch 0

fare 0

embarked 2

class 0

who 0

adult\_male 0

deck 688

embark\_town 2

alive 0

alone 0

dtype: int64