In [6]:
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

kashti = sns.load_dataset('titanic')
kashti
```

Out[6]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male
0	0	3	male	22.0	1	0	7.2500	S	Third	man	True
1	1	1	female	38.0	1	0	71.2833	C	First	woman	False
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	False
3	1	1	female	35.0	1	0	53.1000	S	First	woman	False
4	0	3	male	35.0	0	0	8.0500	S	Third	man	True
...	...	...	...	...	...	...	...	...	...	...	...
886	0	2	male	27.0	0	0	13.0000	S	Second	man	True
887	1	1	female	19.0	0	0	30.0000	S	First	woman	False
888	0	3	female	NaN	1	2	23.4500	S	Third	woman	False
889	1	1	male	26.0	0	0	30.0000	C	First	man	True
890	0	3	male	32.0	0	0	7.7500	Q	Third	man	True

891 rows × 15 columns

In [12]:
```
# Head will print the first 5 rows of dataset
kashti.head()
```

Out[12]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	decl
0	0	3	male	22.0	1	0	7.2500	S	Third	man	True	NaN
1	1	1	female	38.0	1	0	71.2833	C	First	woman	False	C
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	False	NaN
3	1	1	female	35.0	1	0	53.1000	S	First	woman	False	C
4	0	3	male	35.0	0	0	8.0500	S	Third	man	True	NaN

Mean

In [13]:
```
# find the mean of all data set
kashti.mean()
```

```
C:\Users\abdur\AppData\Local\Temp/ipykernel_1292/3332994036.py:1: FutureWarning: Dro
pping of nuisance columns in DataFrame reductions (with 'numeric_only=None') is depr
ecated; in a future version this will raise TypeError.  Select only valid columns be
```

```
fore calling the reduction.
  kashti.mean()
```

Out[13]:
```
survived       0.383838
pclass         2.308642
age           29.699118
sibsp          0.523008
parch          0.381594
fare          32.204208
adult_male     0.602694
alone          0.602694
dtype: float64
```

In [11]:
```
# find mean of a specific column
kashti['survived'].mean()
```

Out[11]:
```
0.3838383838383838
```

In [23]:
```
kashti['age'].mean()
```

Out[23]:
```
29.69911764705882
```

Median

In [25]:
```
kashti.median()
```

Out[25]:
```
C:\Users\abdur\AppData\Local\Temp/ipykernel_1292/854433089.py:1: FutureWarning: Drop
ping of nuisance columns in DataFrame reductions (with 'numeric_only=None') is depre
cated; in a future version this will raise TypeError.  Select only valid columns bef
ore calling the reduction.
  kashti.median()
survived       0.0000
pclass         3.0000
age           28.0000
sibsp          0.0000
parch          0.0000
fare          14.4542
adult_male     1.0000
alone          1.0000
dtype: float64
```

In [27]:
```
# Median of specific column
kashti['age'].median()
```

Out[27]:
```
28.0
```

In [29]:
```
kashti['fare'].median()
```

Out[29]:
```
14.4542
```

Mode

In [32]:
```
kashti.mode()
```

Out[32]:

survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	deck	emba

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	deck	emba
0	0	3	male	24.0	0	0	8.05	S	Third	man	True	C	Sout

In [33]:
```
# Mode of a specific column
kashti['age'].mode()
```

Out[33]:
```
0    24.0
dtype: float64
```

In [34]:
```
kashti['fare'].mode()
```

Out[34]:
```
0    8.05
dtype: float64
```

In [ ]: