Out[18]:		PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	
	0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	
	1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th	female	38.0	1	0	PC
	2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	ST(31
	3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	1
	4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	3
	886	887	0	2	Montvila, Rev. Juozas	male	27.0	0	0	2
	887	888	1	1	Graham, Miss. Margaret Edith	female	19.0	0	0	1
	888	889	0	3	Johnston, Miss. Catherine Helen "Carrie"	female	NaN	1	2	
	889	890	1	1	Behr, Mr. Karl Howell	male	26.0	0	0	1
	890	891	0	3	Dooley, Mr. Patrick	male	32.0	0	0	3

891 rows × 12 columns

In [20]: df.head()

Out[20]:	Passeng	gerld S	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Tic
	0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	21
	1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th	female	38.0	1	0	PC 17
	2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/ 3101
	3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113
	4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373
In [22]:	df.tail()									
Out[22]:	Passe	engerld	Survived	l Pclas	s Nam	e Se	x Age	SibSp	Parch	n Tic
	886	887	()	Montvila 2 Rev Juoza	/. male	e 27.0) () (211
	887	888	1	L	Graham Miss 1 Margare Edit	s. t femal	e 19.0) () () 112
	888	889	()	Johnstor Miss 3 Catherin Hele "Carrie	s. e femalo n	e NaN	N 1	. 2	2 W 6
	889	890	1	l	Behr, M 1 Kai Howe	rl male	e 26.0) () () 111
	890	891	()	Dooley 3 M Patric	r. mal	e 32.0) () (370
In [24]:	df.info()									

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 891 entries, 0 to 890
Data columns (total 12 columns):

#	Column	Non-Null Count	Dtype					
0	PassengerId	891 non-null	int64					
1	Survived	891 non-null	int64					
2	Pclass	891 non-null	int64					
3	Name	891 non-null	object					
4	Sex	891 non-null	object					
5	Age	714 non-null	float64					
6	SibSp	891 non-null	int64					
7	Parch	891 non-null	int64					
8	Ticket	891 non-null	object					
9	Fare	891 non-null	float64					
10	Cabin	204 non-null	object					
11	Embarked	889 non-null	object					
4+,,,,	$d+vpoc_{+}$ $f(x) = f(x)$ $f(x) = f(x)$							

dtypes: float64(2), int64(5), object(5)

memory usage: 83.7+ KB

In [26]: df.describe()

Out[26]:

	PassengerId	Survived	Pclass	Age	SibSp	Parc
count	891.000000	891.000000	891.000000	714.000000	891.000000	891.00000
mean	446.000000	0.383838	2.308642	29.699118	0.523008	0.38159
std	257.353842	0.486592	0.836071	14.526497	1.102743	0.80605
min	1.000000	0.000000	1.000000	0.420000	0.000000	0.00000
25%	223.500000	0.000000	2.000000	20.125000	0.000000	0.00000
50%	446.000000	0.000000	3.000000	28.000000	0.000000	0.00000
75%	668.500000	1.000000	3.000000	38.000000	1.000000	0.00000
max	891.000000	1.000000	3.000000	80.000000	8.000000	6.00000

```
In [28]: df.shape
```

Out[28]: (891, 12)

In [30]: df.size

Out[30]: 10692

In [32]: df.ndim

Out[32]: 2

In [34]: df.columns

Out[54]:		PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Tic
	0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	21
	1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th	female	38.0	1	0	17
	3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113
	4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373
	5	6	0	3	Moran, Mr. James	male	NaN	0	0	330
		•••								
	886	887	0	2	Montvila, Rev. Juozas	male	27.0	0	0	211
	887	888	1	1	Graham, Miss. Margaret Edith	female	19.0	0	0	112
	888	889	0	3	Johnston, Miss. Catherine Helen "Carrie"	female	NaN	1	2	W 6
	889	890	1	1	Behr, Mr. Karl Howell	male	26.0	0	0	111
	890	891	0	3	Dooley, Mr. Patrick	male	32.0	0	0	370

890 rows × 12 columns

In []: