```
In [2]: M import pandas as pd
```

In [3]: ▶ import seaborn as sns

print(sns.get_dataset_names())

['anagrams', 'anscombe', 'attention', 'brain_networks', 'car_crashes', 'd iamonds', 'dots', 'dowjones', 'exercise', 'flights', 'fmri', 'geyser', 'g lue', 'healthexp', 'iris', 'mpg', 'penguins', 'planets', 'seaice', 'taxi s', 'tips', 'titanic']

1

Out[4]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_ma
0	0	3	male	22.0	1	0	7.2500	S	Third	man	Tr
1	1	1	female	38.0	1	0	71.2833	С	First	woman	Fal
2	1	3	female	26.0	0	0	7.9250	s	Third	woman	Fal
3	1	1	female	35.0	1	0	53.1000	S	First	woman	Fal
4	0	3	male	35.0	0	0	8.0500	s	Third	man	Tr
4											•

2

```
In [31]:  passengers= df[df['pclass'] == 1].shape[0]
print(passengers)
```

216

3

Out[37]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_mរ
0	0	3	male	22.0	1	0	7.2500	S	Third	man	Tr
1	1	1	female	38.0	1	0	71.2833	С	First	woman	Fal
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	Fal
3	1	1	female	35.0	1	0	53.1000	S	First	woman	Fal
4	0	3	male	35.0	0	0	8.0500	S	Third	man	Tr
4											•

4

Out[34]: pclass

1 38.233441

2 29.877630

3 25.140620

Name: age, dtype: float64

5

Out[48]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_ı
0	0	3	male	22.0	1	0	7.2500	S	Third	man	
1	1	1	female	38.0	1	0	71.2833	С	First	woman	F
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	F
3	1	1	female	35.0	1	0	53.1000	s	First	woman	F
4	0	3	male	35.0	0	0	8.0500	s	Third	man	
5	0	3	male	NaN	0	0	8.4583	Q	Third	man	
6	0	1	male	54.0	0	0	51.8625	s	First	man	
7	0	3	male	2.0	3	1	21.0750	s	Third	child	F
8	1	3	female	27.0	0	2	11.1333	S	Third	woman	F
9	1	2	female	14.0	1	0	30.0708	С	Second	child	F
4											

6

```
In [62]: ▶ import numpy as np
```

Out[62]:

adult_ma	who	class	embarked	fare	parch	sibsp	age	sex	pclass	survived	
Tr	man	Third	S	7.2500	0	1	22.0	male	3	0	0
Fal	woman	First	С	71.2833	0	1	38.0	female	1	1	1
Fal	woman	Third	S	7.9250	0	0	26.0	female	3	1	2
Fal	woman	First	S	53.1000	0	1	35.0	female	1	1	3
Tr	man	Third	S	8.0500	0	0	35.0	male	3	0	4
							_				4

7

Out[64]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_ma
0	0	3	male	22.0	1	0	7.2500	S	Third	man	Tr
1	1	1	female	38.0	1	0	71.2833	С	First	woman	Fal
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	Fal
3	1	1	female	35.0	1	0	53.1000	S	First	woman	Fal
4	0	3	male	35.0	0	0	8.0500	S	Third	man	Tr
4)			•

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Out[5]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_mរ
0	0	3	male	22.0	1	0	7.2500	S	Third	man	Tr
1	1	1	female	38.0	1	0	71.2833	С	First	woman	Fal
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	Fal
3	1	1	female	35.0	1	0	53.1000	S	First	woman	Fal
4	0	3	male	35.0	0	0	8.0500	S	Third	man	Tr
4											•

In []: ▶