

```
import pandas as pd
titanic = pd.read_csv('/content/Titanic.csv')
```

```
titanic.loc[ 2 ]
```

```
pclass      1
survived     0
name      Allison, Miss. Helen Loraine
sex         female
age         2.0
sibsp       1
parch       2
ticket     113781
fare       151.55
cabin      C22 C26
embarked    S
boat       NaN
body       NaN
home.dest   Montreal, PQ / Chesterville, ON
Name: 2, dtype: object
```

```
titanic.loc[ 2, 'fare' ]
```

```
151.55
```

```
titanic.iloc[ 2, 8 ]
```

```
151.55
```

```
titanic.loc[ 1:5 ]
```

pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
1	1	Allison, Master. Hudson Trevor	male	0.92	1	2	113781	151.55	C22 C26	

```
titanic.loc[ 1:5 , 'age']
```

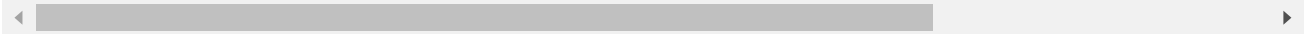
```
1    0.92
2    2.00
3   30.00
4   25.00
5   48.00
Name: age, dtype: float64
```

```
titanic.iloc[ 1:5 , 4]
```

```
1    0.92
2    2.00
3   30.00
4   25.00
Name: age, dtype: float64
```

```
titanic.loc[...:1:...]
```

pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
0	1	Allen, Miss. Elisabeth Walton	female	29.00	0	0	24160	211.3375	B5	
1	1	Allison, Master. Hudson Trevor	male	0.92	1	2	113781	151.5500	C22 C26	



```
titanic.loc[ 2:7 : ]
```

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	e
2	1	0	Allison, Miss. Helen Lorraine	female	2.0	1	2	113781	151.5500	C22 C26	
3	1	0	Allison, Mr. Hudson Joshua Creighton	male	30.0	1	2	113781	151.5500	C22 C26	
4	1	0	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)	female	25.0	1	2	113781	151.5500	C22 C26	
5	1	1	Anderson, Mr. Harry	male	48.0	0	0	19952	26.5500	E12	
6	1	1	Andrews, Miss. Kornelia	female	63.0	1	0	13502	77.9583	D7	

titanic.loc[:]

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	ca
0	1	1	Allen, Miss. Elisabeth Walton	female	29.00	0	0	24160	211.3375	
1	1	1	Allison, Master. Hudson Trevor	male	0.92	1	2	113781	151.5500	
2	1	0	Allison, Miss. Helen Loraine	female	2.00	1	2	113781	151.5500	
3	1	0	Allison, Mr. Hudson	male	30.00	1	2	113781	151.5500	

```
titanic.loc[ 1:6,['age','fare','name']]
```

	age	fare	name
1	0.92	151.5500	Allison, Master. Hudson Trevor
2	2.00	151.5500	Allison, Miss. Helen Loraine
3	30.00	151.5500	Allison, Mr. Hudson Joshua Creighton
4	25.00	151.5500	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)
5	48.00	26.5500	Anderson, Mr. Harry
6	63.00	77.9583	Andrews, Miss. Kornelia Theodosia

```
titanic[ (titanic['age']>75) ]
```

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	embarked
14	1	1	Barkworth, Mr. Algernon Henry Wilson	male	80.0	0	0	27042	30.00	A23	
61	1	1	Cavendish, Mrs. Tyrell William (Julia Florence...)	female	76.0	1	0	19877	78.85	C46	



✓ 0s completed at 11:55 PM ● ✕