```
[6]
✓ 0s
```

```python
import pandas as pd

#to load.csv into the dataframe
file_path = "/content/housing.csv"

df = pd.read_csv(file_path)

#to display info about all coloumns
df.head()
```

total_rooms	total_bedrooms	population	households	median_income	median_house_value	ocean_proximity
880.0	129.0	322.0	126.0	8.3252	452600.0	NEAR BAY
7099.0	1106.0	2401.0	1138.0	8.3014	358500.0	NEAR BAY
1467.0	190.0	496.0	177.0	7.2574	352100.0	NEAR BAY
1274.0	235.0	558.0	219.0	5.6431	341300.0	NEAR BAY
1627.0	280.0	565.0	259.0	3.8462	342200.0	NEAR BAY

```
[4]
✓ 0s
```

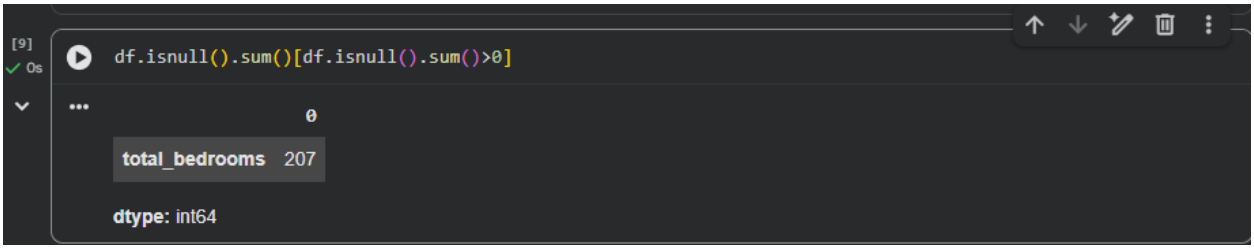
```python
# Statistical summary of only numerical columns
df.describe()
```

	Avg. Area Income	Avg. Area House Age	Avg. Area Number of Rooms	Avg. Area Number of Bedrooms	Area Population	Price
count	5000.000000	5000.000000	5000.000000	5000.000000	5000.000000	5.000000e+03
mean	68583.108984	5.977222	6.987792	3.981330	36163.516039	1.232073e+06
std	10657.991214	0.991456	1.005833	1.234137	9925.650114	3.531176e+05
min	17796.631190	2.644304	3.236194	2.000000	172.610686	1.593866e+04
25%	61480.562390	5.322283	6.299250	3.140000	29403.928700	9.975771e+05
50%	68804.286405	5.970429	7.002902	4.050000	36199.406690	1.232669e+06
75%	75783.338665	6.650808	7.665871	4.490000	42861.290770	1.471210e+06
max	107701.748400	9.519088	10.759588	6.500000	69621.713380	2.469066e+06

```python
df["ocean_proximity"].value_counts()
```

ocean_proximity	count
<1H OCEAN	9136
INLAND	6551
NEAR OCEAN	2658
NEAR BAY	2290
ISLAND	5

dtype: int64


[9]
0s
df.isnull().sum()[df.isnull().sum()>0]
0
total_bedrooms 207
dtype: int64