In [1]:
```
import pandas as pd
od=pd.read_csv("2median_odd_exercise.csv")
```

In [2]:
```
od
```

Out[2]:

	scores
0	85
1	90
2	75
3	80
4	95
5	92
6	88
7	87
8	91

In [3]:
```
od.median()
```

Out[3]:
```
scores    88.0
dtype: float64
```

In [4]:
```
od.mean()
```

Out[4]:
```
scores    87.0
dtype: float64
```

In [5]:
```

ev=pd.read_csv("2median_even_exercise.csv")
```

In [6]:
```
ev
```

Out[6]:

	Race_minutes
0	85
1	90
2	75
3	80
4	95
5	92
6	88
7	87
8	91
9	79

In [7]:
```
ev.median()
```

Out[7]:
```
Race_minutes    87.5
dtype: float64
```

In [8]:
```
ev.mean()
```

Out[8]:
```
Race_minutes    86.2
dtype: float64
```

In [9]:
```
exe=pd.read_csv("1experience.csv")
exe
```

Out[9]:

	YearsExperience
0	1.1
1	1.3
2	1.5
3	2.0
4	2.2
5	2.9
6	3.0
7	3.2
8	3.2

In [10]:
```
exe.median()
```

Out[10]:
```
YearsExperience    2.2
dtype: float64
```

In [11]:
```
exe.mean()
```

Out[11]:
```
YearsExperience    2.266667
dtype: float64
```

In [16]:
```
sa=pd.read_csv("3Salary_Data.csv")
sa
```

Out[16]:

	YearsExperience	Salary
0	1.1	39343.0
1	1.3	46205.0
2	1.5	37731.0
3	2.0	43525.0
4	2.2	39891.0
5	2.9	56642.0
6	3.0	60150.0
7	3.2	54445.0
8	3.2	64445.0
9	3.7	57189.0
10	3.9	63218.0
11	4.0	55794.0
12	4.0	56957.0
13	4.1	57081.0
14	4.5	61111.0
15	4.9	67938.0
16	5.1	66029.0
17	5.3	83088.0
18	5.9	81363.0
19	6.0	93940.0
20	6.8	91738.0
21	7.1	98273.0
22	7.9	101302.0

23	8.2	113812.0
24	8.7	109431.0
25	9.0	105582.0
26	9.5	116969.0
27	9.6	112635.0
28	10.3	122391.0
29	10.5	121872.0

In [18]:
```
sa.mean()
```

Out[18]:
```
YearsExperience        5.313333
Salary             76003.000000
dtype: float64
```

In [19]:
```
sa.median()
```

Out[19]:
```
YearsExperience        4.7
Salary             65237.0
dtype: float64
```

In [20]:
```
#4laptops.csv
la=pd.read_csv("4laptops.csv")
la
```

Out[20]:

	Manufacturer	Model_Name	Category	Screen_size_inches	Screen	CPU	RAM
0	Apple	MacBook Pro	Ultrabook	13.3	IPS Panel Retina Display 2560x1600	Intel Core i5 2.3GHz	8GB
1	Apple	Macbook Air	Ultrabook	13.3	1440x900	Intel Core i5 1.8GHz	8GB
2	HP	250 G6	Notebook	15.6	Full HD 1920x1080	Intel Core i5 7200U 2.5GHz	8GB
3	Apple	MacBook Pro	Ultrabook	15.4	IPS Panel Retina Display 2880x1800	Intel Core i7 2.7GHz	16GB
4	Apple	MacBook Pro	Ultrabook	13.3	IPS Panel Retina Display 2560x1600	Intel Core i5 3.1GHz	8GB
...	...	...	...	...	...	...	...
972	Dell	Alienware 17	Gaming	17.3	Full HD 1920x1080	Intel Core i7 6700HQ 2.6GHz	32GB
973	Toshiba	Tecra A40-C-1DF	Notebook	14.0	Full HD 1920x1080	Intel Core i5 6200U 2.3GHz	8GB
974	Asus	Rog Strix	Gaming	17.3	Full HD 1920x1080	Intel Core i7 7700HQ 2.8GHz	16GB
975	HP	Probook 450	Notebook	15.6	IPS Panel Full HD 1920x1080	Intel Core i5 7200U 2.70GHz	8GB
976	Lenovo	ThinkPad T460	Notebook	14.0	1366x768	Intel Core i5 6200U 2.3GHz	4GB

977 rows × 13 columns

In [21]:
```
la.head(5)
```

Out[21]:

lodel_Name	Category	Screen_size_inches	Screen	CPU	RAM	Storage	GPU	Op
lacBook Pro	Ultrabook	13.3	IPS Panel Retina Display 2560x1600	Intel Core i5 2.3GHz	8GB	128GB SSD	Intel Iris Plus Graphics 640	
Macbook Air	Ultrabook	13.3	1440x900	Intel Core i5 1.8GHz	8GB	128GB Flash Storage	Intel HD Graphics 6000	
250 G6	Notebook	15.6	Full HD 1920x1080	Intel Core i5 7200U 2.5GHz	8GB	256GB SSD	Intel HD Graphics 620	
lacBook Pro	Ultrabook	15.4	IPS Panel Retina Display 2880x1800	Intel Core i7 2.7GHz	16GB	512GB SSD	AMD Radeon Pro 455	
lacBook Pro	Ultrabook	13.3	IPS Panel Retina Display 2560x1600	Intel Core i5 3.1GHz	8GB	256GB SSD	Intel Iris Plus Graphics 650	

In [29]:
```
la['Screen_size_inches'].median(),la['Price'].median()
```

Out[29]: (15.6, 8527428.0)

In [35]:
```
print("MEDIAN OF SCREEN SIZE OF ALL LAPTOPS =\n",la['Screen_size_in
print("MEDIAN OF PRICE OF ALL LAPTOPS =\n",la['Price'].median())
```

```
MEDIAN OF SCREEN SIZE OF ALL LAPTOPS =
 15.6
MEDIAN OF PRICE OF ALL LAPTOPS =
 8527428.0
```

In [37]:
```
mcd=pd.read_csv("6Mcd.csv")
```

In [38]:
```
mcd
```

Out[38]:

	Unnamed: 0	Year	McDonalds_Revenue_$Billion	Growth_rate_percent	Q1	Q2	Q3
0	0	1999	13.3	2.73913	5.43	5.795	6.035
1	1	2000	14.2	7.00000	5.43	5.795	6.035
2	2	2001	14.9	4.00000	5.43	5.795	6.035
3	3	2002	15.4	4.00000	5.43	5.795	6.035
4	4	2003	17.1	11.00000	3.80	4.300	4.500
5	5	2004	18.6	8.00000	4.40	4.700	4.900
6	6	2005	19.1	3.00000	4.80	5.100	5.300
7	7	2006	20.9	9.00000	4.90	5.400	5.500
8	8	2007	22.8	9.00000	5.30	5.800	5.900
9	9	2008	23.5	3.00000	5.60	6.100	6.300
10	10	2009	22.7	-3.00000	5.10	5.600	6.000
11	11	2010	24.1	6.00000	5.60	5.900	6.300
12	12	2011	27.0	12.00000	6.10	6.900	7.200
13	13	2012	27.6	2.00000	6.50	6.900	7.200
14	14	2013	28.1	2.00000	6.60	7.100	7.300
15	15	2014	27.4	-2.00000	6.70	7.200	7.000
16	16	2015	25.4	-7.00000	6.00	6.500	6.600
17	17	2016	24.6	-3.00000	5.90	6.300	6.400
18	18	2017	22.8	-7.00000	5.70	6.000	5.800
19	19	2018	21.3	-7.00000	5.10	5.400	5.400
20	20	2019	21.4	1.00000	5.00	5.300	5.600
21	21	2020	19.2	-10.00000	4.70	3.800	5.400
22	22	2021	23.2	21.00000	5.10	5.900	6.200
23	23	2022	23.2	0.00000	5.70	5.700	5.900

In [41]:
```
print("MEDIAN OF GROWTH RATE PERCENT =\n",mcd['Growth_rate_percent'
```

```
MEDIAN OF GROWTH RATE PERCENT =
 2.8695652173913047
```

In [ ]:
```

```