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

In [3]:
```
data=pd.read_csv("https://raw.githubusercontent.com/svkarthik86/Fundamentals-of-statistics-and-probability/main/car.csv")
```

In [ ]:
```

```

In [4]:
```
data
```

Out[4]:

	Month	Starting Balance	Repayment	Interest Paid	Principal Paid	New Balance	term	interest_rate	car_type
0	1	34689.96	687.23	202.93	484.30	34205.66	60	0.0702	Toyota Sienna
1	2	34205.66	687.23	200.10	487.13	33718.53	60	0.0702	Toyota Sienna
2	3	33718.53	687.23	197.25	489.98	33228.55	60	0.0702	Toyota Sienna
3	4	33228.55	687.23	194.38	492.85	32735.70	60	0.0702	Toyota Sienna
4	5	32735.70	687.23	191.50	495.73	32239.97	60	0.0702	Toyota Sienna
...	...	...	...	...	...	...	...	...	...
403	56	3951.11	796.01	9.54	786.47	3164.64	60	0.0290	VW Golf R
404	57	3164.64	796.01	7.64	788.37	2376.27	60	0.0290	VW Golf R
405	58	2376.27	796.01	5.74	790.27	1586.00	60	0.0290	VW Golf R
406	59	1586.00	796.01	3.83	792.18	793.82	60	0.0290	VW Golf R
407	60	793.82	796.01	1.91	794.10	-0.28	60	0.0290	VW Golf R

408 rows × 9 columns

In [5]:
```
data.describe()
```

Out[5]:

	Month	Starting Balance	Repayment	Interest Paid	Principal Paid	New Balance	term	interest_rate
count	408.000000	408.000000	408.000000	408.000000	408.000000	408.000000	408.000000	408.000000
mean	26.970588	17562.870343	712.134118	56.715123	655.418995	16907.451348	52.941176	0.039603
std	16.207776	11224.423084	247.447947	40.775353	245.361625	11168.974693	9.268926	0.013414
min	1.000000	395.410000	396.820000	1.280000	326.620000	-0.490000	36.000000	0.029000
25%	13.000000	8557.900000	486.740000	26.257500	476.972500	7832.080000	48.000000	0.029000
50%	26.000000	16262.230000	661.995000	50.640000	598.135000	15539.305000	60.000000	0.037450
75%	39.250000	25285.055000	796.010000	76.357500	760.790000	24535.925000	60.000000	0.039000
max	60.000000	44409.600000	1289.530000	202.930000	1286.430000	43720.910000	60.000000	0.070200

In [6]:
```
data[["Month","Starting Balance","Repayment"]].mean()
```

Out[6]:
```
Month                 26.970588
Starting Balance    17562.870343
Repayment             712.134118
dtype: float64
```

In [7]:
```
data[["Month","Starting Balance","Repayment"]].median()
```

Out[7]:
```
Month                 26.000
Starting Balance    16262.230
Repayment             661.995
dtype: float64
```

In [8]:
```
data[["Month","Starting Balance","Repayment"]].mode()
```

Out[8]:

	Month	Starting Balance	Repayment
0	1	21600.0	396.82
1	2	44409.6	632.47
2	3	NaN	687.23
3	4	NaN	796.01
4	5	NaN	NaN
5	6	NaN	NaN
6	7	NaN	NaN
7	8	NaN	NaN
8	9	NaN	NaN
9	10	NaN	NaN
10	11	NaN	NaN
11	12	NaN	NaN
12	13	NaN	NaN
13	14	NaN	NaN
14	15	NaN	NaN
15	16	NaN	NaN
16	17	NaN	NaN
17	18	NaN	NaN
18	19	NaN	NaN
19	20	NaN	NaN
20	21	NaN	NaN
21	22	NaN	NaN
22	23	NaN	NaN
23	24	NaN	NaN
24	25	NaN	NaN
25	26	NaN	NaN
26	27	NaN	NaN
27	28	NaN	NaN
28	29	NaN	NaN
29	30	NaN	NaN
30	31	NaN	NaN
31	32	NaN	NaN
32	33	NaN	NaN
33	34	NaN	NaN
34	35	NaN	NaN
35	36	NaN	NaN

In [ ]:
```

```