

```
In [1]: import pandas as pd
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In [3]: data=pd.read_csv("/home/placement/Downloads/fiat500 (1).csv")
```

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In [4]: data
```

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Out[4]:
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	ID	model	engine_power	age_in_days	km	previous_owners	lat	lon	price
0	1	lounge	51	882	25000	1	44.907242	8.611560	8900
1	2	pop	51	1186	32500	1	45.666359	12.241890	8800
2	3	sport	74	4658	142228	1	45.503300	11.417840	4200
3	4	lounge	51	2739	160000	1	40.633171	17.634609	6000
4	5	pop	73	3074	106880	1	41.903221	12.495650	5700
...
1533	1534	sport	51	3712	115280	1	45.069679	7.704920	5200
1534	1535	lounge	74	3835	112000	1	45.845692	8.666870	4600
1535	1536	pop	51	2223	60457	1	45.481541	9.413480	7500
1536	1537	lounge	51	2557	80750	1	45.000702	7.682270	5990
1537	1538	pop	51	1766	54276	1	40.323410	17.568270	7900

1538 rows × 9 columns

In [5]: data.describe()

Out[5]:

	ID	engine_power	age_in_days	km	previous_owners	lat	lon	price
count	1538.000000	1538.000000	1538.000000	1538.000000	1538.000000	1538.000000	1538.000000	1538.000000
mean	769.500000	51.904421	1650.980494	53396.011704	1.123537	43.541361	11.563428	8576.003901
std	444.126671	3.988023	1289.522278	40046.830723	0.416423	2.133518	2.328190	1939.958641
min	1.000000	51.000000	366.000000	1232.000000	1.000000	36.855839	7.245400	2500.000000
25%	385.250000	51.000000	670.000000	20006.250000	1.000000	41.802990	9.505090	7122.500000
50%	769.500000	51.000000	1035.000000	39031.000000	1.000000	44.394096	11.869260	9000.000000
75%	1153.750000	51.000000	2616.000000	79667.750000	1.000000	45.467960	12.769040	10000.000000
max	1538.000000	77.000000	4658.000000	235000.000000	4.000000	46.795612	18.365520	11100.000000

In [7]: data.head()

Out[7]:

	ID	model	engine_power	age_in_days	km	previous_owners	lat	lon	price
0	1	lounge	51	882	25000	1	44.907242	8.611560	8900
1	2	pop	51	1186	32500	1	45.666359	12.241890	8800
2	3	sport	74	4658	142228	1	45.503300	11.417840	4200
3	4	lounge	51	2739	160000	1	40.633171	17.634609	6000
4	5	pop	73	3074	106880	1	41.903221	12.495650	5700

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In [8]: data.head(100)
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Out[8]:
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	ID	model	engine_power	age_in_days	km	previous_owners	lat	lon	price
0	1	lounge	51	882	25000	1	44.907242	8.611560	8900
1	2	pop	51	1186	32500	1	45.666359	12.241890	8800
2	3	sport	74	4658	142228	1	45.503300	11.417840	4200
3	4	lounge	51	2739	160000	1	40.633171	17.634609	6000
4	5	pop	73	3074	106880	1	41.903221	12.495650	5700
...
95	96	sport	51	4292	165600	1	44.715408	11.308300	5950
96	97	pop	51	1066	28000	1	41.769051	12.662810	8500
97	98	sport	51	2009	86000	2	40.633171	17.634609	7800
98	99	lounge	51	456	18592	2	45.393600	10.482240	10900
99	100	pop	51	731	41558	2	45.571220	9.159140	8790

100 rows × 9 columns

In [9]: data,(50)

```
Out[9]: (
      ID  model  engine_power  age_in_days      km  previous_owners  \
0      1  lounge           51          882   25000             1
1      2    pop           51         1186   32500             1
2      3  sport           74         4658  142228             1
3      4  lounge           51         2739  160000             1
4      5    pop           73         3074  106880             1
...    ...    ...    ...    ...    ...    ...
1533  1534  sport           51         3712  115280             1
1534  1535  lounge           74         3835  112000             1
1535  1536    pop           51         2223   60457             1
1536  1537  lounge           51         2557   80750             1
1537  1538    pop           51         1766   54276             1

      lat      lon  price
0  44.907242  8.611560  8900
1  45.666359  12.241890  8800
2  45.503300  11.417840  4200
3  40.633171  17.634609  6000
4  41.903221  12.495650  5700
...    ...    ...    ...
1533  45.069679  7.704920  5200
1534  45.845692  8.666870  4600
1535  45.481541  9.413480  7500
1536  45.000702  7.682270  5990
1537  40.323410  17.568270  7900

[1538 rows x 9 columns],
50)
```

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In [12]: data.tail(50)
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Out[12]:
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	ID	model	engine_power	age_in_days	km	previous_owners	lat	lon	price
1488	1489	pop	51	2527	108000	1	37.511360	15.067520	6800
1489	1490	pop	51	366	22148	1	45.707249	11.477600	9500
1490	1491	lounge	51	1066	69916	1	40.752209	14.453410	8980
1491	1492	lounge	51	2922	100000	1	44.537769	10.816360	6999
1492	1493	lounge	51	609	27370	1	41.107880	14.208810	9400
1493	1494	pop	51	4414	69000	1	45.056599	9.701760	5290
1494	1495	sport	51	2739	77149	3	44.754890	8.031900	7800
1495	1496	pop	62	3347	80000	3	44.283878	11.888140	7900
1496	1497	pop	51	1461	91055	3	44.508839	11.469080	7450
1497	1498	lounge	51	397	15840	3	38.122070	13.361120	10700
1498	1499	sport	51	1400	60000	1	45.802021	9.187790	10800
1499	1500	pop	51	1066	53100	1	38.122070	13.361120	8900
1500	1501	pop	51	1917	52008	1	45.438301	10.991700	9900
1501	1502	sport	51	3774	161900	1	44.906120	7.677230	4500
1502	1503	lounge	51	670	32473	1	41.107880	14.208810	9400
1503	1504	pop	51	1066	82200	1	37.230339	14.523400	7990
1504	1505	sport	51	4322	95000	1	40.928501	14.203670	4500
1505	1506	pop	51	1886	11000	1	44.813751	7.245400	10500
1506	1507	pop	51	1431	87770	1	44.508839	11.469080	7450
1507	1508	lounge	51	701	17324	1	45.556549	9.534470	9950
1508	1509	lounge	51	701	43379	1	45.584091	9.270960	9850
1509	1510	pop	51	2982	89000	1	45.609531	10.208570	6400
1510	1511	pop	51	4139	136000	1	41.114262	16.485710	4100
1511	1512	lounge	51	2982	127000	1	45.512051	10.427010	5450

	ID	model	engine_power	age_in_days	km	previous_owners	lat	lon	price
1512	1513	lounge	62	3439	79000	1	44.884979	7.332200	6500
1513	1514	pop	51	1066	52700	1	45.354389	11.869260	9000
1514	1515	pop	51	1066	80800	1	37.230339	14.523400	7990
1515	1516	lounge	51	1917	124999	1	45.564491	10.115610	6999
1516	1517	pop	73	3865	80500	1	40.704109	17.340059	8500
1517	1518	pop	51	366	16100	1	44.692520	10.103960	10900
1518	1519	lounge	51	397	16053	1	38.122070	13.361120	10500
1519	1520	lounge	51	670	30000	1	45.764648	8.994500	10800
1520	1521	lounge	51	1035	15000	1	41.903221	12.495650	10990
1521	1522	lounge	51	3774	85000	1	44.294300	9.674440	4000
1522	1523	lounge	51	366	14618	1	45.707249	11.477600	10500
1523	1524	pop	51	2251	79800	1	45.512051	10.427010	6450
1524	1525	pop	51	2192	53300	1	40.609531	14.980930	7900
1525	1526	lounge	51	790	41870	1	45.707249	11.477600	9500
1526	1527	lounge	51	1705	23600	1	38.122070	13.361120	9300
1527	1528	pop	51	517	3000	1	40.748241	14.528350	9999
1528	1529	lounge	51	2861	126000	1	43.841980	10.515310	5500
1529	1530	lounge	51	731	22551	1	38.122070	13.361120	9900
1530	1531	lounge	51	670	29000	1	45.764648	8.994500	10800
1531	1532	sport	73	4505	127000	1	45.528511	9.593230	4750
1532	1533	pop	51	1917	52008	1	45.548000	11.549470	9900
1533	1534	sport	51	3712	115280	1	45.069679	7.704920	5200
1534	1535	lounge	74	3835	112000	1	45.845692	8.666870	4600
1535	1536	pop	51	2223	60457	1	45.481541	9.413480	7500
1536	1537	lounge	51	2557	80750	1	45.000702	7.682270	5990
1537	1538	pop	51	1766	54276	1	40.323410	17.568270	7900

In []: