

```

General Information for mtcars:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 32 entries, 0 to 31
Data columns (total 12 columns):
#   Column  Non-Null Count  Dtype  ---
0   model    32 non-null    object
1   mpg      32 non-null    float64
2   cyl      32 non-null    int64
3   disp     32 non-null    float64
4   hp       32 non-null    int64
5   drat     32 non-null    float64
6   wt       32 non-null    float64
7   qsec     32 non-null    float64
8   vs       32 non-null    int64
9   am       32 non-null    int64
10  gear     32 non-null    int64
11  carb     32 non-null    int64
dtypes: float64(5), int64(6), object(1)
memory usage: 3.1+ KB
None

```

Subset of Iris Dataset:

```

0      True
1     False
2     False
3     False
4     False
...
145    False
146    False
147    False
148     True
149    False
Length: 150, dtype: bool

```

Quartile Information for mtcars:

	mpg	cyl	disp	hp	drat	...	qsec	vs	am	gear	carb
0.25	15.425	4.0	120.825	96.5	3.080	...	16.8925	0.0	0.0	3.0	2.0
0.50	19.200	6.0	196.300	123.0	3.695	...	17.7100	0.0	0.0	4.0	2.0
0.75	22.800	8.0	326.000	180.0	3.920	...	18.9000	1.0	1.0	4.0	4.0

[3 rows x 11 columns]

Original Iris dataset:

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa

Aggregate result - Mean petal length for each species:

species	petal_length
setosa	1.464
versicolor	4.260
virginica	5.552

Summary Statistics for mtcars:

	mpg	cyl	disp	...	am	gear	carb
count	32.000000	32.000000	32.000000	...	32.000000	32.000000	32.0000
mean	20.090625	6.187500	230.721875	...	0.406250	3.687500	2.8125
std	6.026948	1.785922	123.938694	...	0.498991	0.737804	1.6152
min	10.400000	4.000000	71.100000	...	0.000000	3.000000	1.0000
25%	15.425000	4.000000	120.825000	...	0.000000	3.000000	2.0000
50%	19.200000	6.000000	196.300000	...	0.000000	4.000000	2.0000
75%	22.800000	8.000000	326.000000	...	1.000000	4.000000	4.0000
max	33.900000	8.000000	472.000000	...	1.000000	5.000000	8.0000

[8 rows x 11 columns]