Out[2]:		Unnamed: 0	Points	Score	Weigh
	0	Mazda RX4	3.90	2.620	16.46
	1	Mazda RX4 Wag	3.90	2.875	17.02
	2	Datsun 710	3.85	2.320	18.61
	3	Hornet 4 Drive	3.08	3.215	19.44
	4	Hornet Sportabout	3.15	3.440	17.02
	5	Valiant	2.76	3.460	20.22
	6	Duster 360	3.21	3.570	15.84
	7	Merc 240D	3.69	3.190	20.00
	8	Merc 230	3.92	3.150	22.90
	9	Merc 280	3.92	3.440	18.30
	10	Merc 280C	3.92	3.440	18.90
	11	Merc 450SE	3.07	4.070	17.40
	12	Merc 450SL	3.07	3.730	17.60
	13	Merc 450SLC	3.07	3.780	18.00
	14	Cadillac Fleetwood	2.93	5.250	17.98
	15	Lincoln Continental	3.00	5.424	17.82
	16	Chrysler Imperial	3.23	5.345	17.42
	17	Fiat 128	4.08	2.200	19.47
	18	Honda Civic	4.93	1.615	18.52
	19	Toyota Corolla	4.22	1.835	19.90
	20	Toyota Corona	3.70	2.465	20.01
	21	Dodge Challenger	2.76	3.520	16.87
	22	AMC Javelin	3.15	3.435	17.30
	23	Camaro Z28	3.73	3.840	15.41
	24	Pontiac Firebird	3.08	3.845	17.05
	25	Fiat X1-9	4.08	1.935	18.90
	26	Porsche 914-2	4.43	2.140	16.70
	27	Lotus Europa	3.77	1.513	16.90
	28	Ford Pantera L	4.22	3.170	14.50
	29	Ferrari Dino	3.62	2.770	15.50
	30	Maserati Bora	3.54	3.570	14.60

```
        Unnamed: 0
        Points
        Score
        Weigh

        31
        Volvo 142E
        4.11
        2.780
        18.60
```

```
In [7]:
          data1.isnull().sum()
                         0
         Unnamed: 0
Out[7]:
         Points
                         0
         Score
                         0
         Weigh
                         0
         dtype: int64
In [8]:
          data1.shape
         (32, 4)
Out[8]:
In [9]:
          data1.describe(include='all' )
Out[9]:
                      Unnamed: 0
                                      Points
                                                 Score
                                                          Weigh
                               32 32.000000
                                             32.000000
          count
                                                       32.000000
                               32
                                       NaN
                                                  NaN
                                                            NaN
         unique
            top Cadillac Fleetwood
                                                            NaN
                                       NaN
                                                  NaN
                                1
                                       NaN
                                                  NaN
                                                            NaN
            freq
           mean
                             NaN
                                    3.596563
                                              3.217250
                                                      17.848750
             std
                             NaN
                                    0.534679
                                              0.978457
                                                        1.786943
                                              1.513000
            min
                             NaN
                                    2.760000
                                                       14.500000
            25%
                             NaN
                                    3.080000
                                              2.581250 16.892500
            50%
                             NaN
                                    3.695000
                                              3.325000
                                                       17.710000
            75%
                             NaN
                                    3.920000
                                              3.610000
                                                       18.900000
                                    4.930000
                                              5.424000 22.900000
            max
                             NaN
In [3]:
          data1.median()
Out[3]:
         Points
                     3.695
         Score
                     3.325
                    17.710
         Weigh
         dtype: float64
In [6]:
          data1['Points'].value_counts()
Out[6]:
         3.07
                  3
         3.92
                  3
         2.76
                  2
         3.15
                  2
         3.08
                  2
         4.08
                  2
         4.22
                  2
         3.90
                  2
         3.21
                  1
         4.43
```

```
3.77
                  1
          3.23
                  1
          3.69
                  1
          4.93
                  1
          4.11
                  1
          3.62
                  1
          3.70
                  1
          3.73
                  1
          3.85
                  1
          3.54
                  1
          2.93
                  1
          3.00
                  1
          Name: Points, dtype: int64
 In [9]:
           data1['Score'].value_counts()
 Out[9]: 3.440
          3.570
                    1
          2.780
          2.875
          1.835
          2.140
          3.460
          3.215
          2.465
          1.513
          3.780
          1.615
          3.435
          3.520
          5.345
                   1
          1.935
                   1
          4.070
                   1
          2.200
          5.424
                   1
          3.840
                   1
          3.170
                   1
          2.320
                   1
          3.190
                   1
          2.770
                   1
          3.730
                   1
                   1
          2.620
          3.845
                   1
          3.150
                   1
                   1
          5.250
          Name: Score, dtype: int64
In [10]:
           data1['Weigh'].value_counts()
Out[10]: 18.90
                   2
          17.02
                   2
          17.40
                   1
          22.90
                   1
          15.84
                   1
          17.60
                   1
          16.87
                   1
          18.60
                   1
          19.90
                   1
          20.22
                   1
          15.50
                   1
          18.30
                   1
          17.98
                   1
          16.46
                   1
          17.05
                   1
          14.60
                   1
          18.00
                    1
          20.00
```

```
15.41
                   1
         20.01
                   1
         16.90
                   1
         19.47
                   1
         14.50
                  1
                  1
         18.61
         17.42
                  1
         17.82
                  1
         19.44
                  1
         16.70
                  1
         18.52
                  1
         17.30
                   1
         Name: Weigh, dtype: int64
In [11]:
          data1.std()
Out[11]: Points
                   0.534679
         Score
                   0.978457
         Weigh
                    1.786943
         dtype: float64
In [ ]:
```