```
Out[9]: mpg
                                                                                                                  0
                            <class 'pandas.core.frame.DataFrame'>
['anagrams',
                            RangeIndex: 398 entries, 0 to 397
 'anscombe',
                                                                                           cylinders
                                                                                                                   0
                            Data columns (total 9 columns):
 'attention',
                                                                                           displacement
                                                                                                                  0
                                Column
                                              Non-Null Count
                            #
                                                             Dtype
 'brain_networks',
                                                                                           horsepower
                                                                                                                   6
  car_crashes',
                            0
                                              398 non-null
                                                             float64
                                mpg
 'diamonds',
                                                                                                                  0
                                                                                           weight
                                cylinders
                                                             int64
                            1
                                              398 non-null
 'dots'
                            2
                                displacement
                                             398 non-null
                                                             float64
                                                                                           acceleration
                                                                                                                  0
 'dowjones',
                             3
                                horsepower
                                              392 non-null
                                                             float64
 'exercise',
                                                                                           model year
                                                                                                                  0
                             4
                                              398 non-null
                                weight
                                                             int64
 'flights',
                                              398 non-null
                                acceleration
                                                             float64
                                                                                           origin
                                                                                                                  0
 'fmri',
                             6
                                model_year
                                              398 non-null
                                                             int64
 'geyser'
                                                                                                                   0
                                                                                           name
                                origin
                                              398 non-null
                                                             object
 'glue'
                                                                                           dtype: int64
                            8
                                name
                                              398 non-null
                                                             object
 'healthexp',
                            dtypes: float64(4), int64(3), object(2)
 'iris',
                            memory usage: 28.1+ KB
 'mpg',
 'penguins',
 'planets',
  'seaice',
 'taxis',
                                                                                                                                  6
 'tips'
 'titanic'
                                                                                                                                 Out[5]: (398,
                      Out[4]:
                                      cylinders displacement horsepower weight acceleration
                                                                                      model year
 'anagrams'.
 'anagrams',
                               0 18.0
                                                     307.0
                                                                130.0
                                                                      3504
                                                                                  12.0
                                                                                                      chevrolet chevelle malibu
                                                                                                  usa
 'anscombe',
                               1 15.0
                                            8
                                                     350.0
                                                                      3693
                                                                                  11.5
                                                                                             70
                                                                                                            buick skylark 320
 'anscombe'
                                                                165.0
                                                                                                  usa
 'attention'
                                                     318.0
                                                                                             70
                               2
                                 18.0
                                                                150.0
                                                                      3436
                                                                                  11.0
                                                                                                  usa
                                                                                                            plymouth satellite
 'attention',
 'brain_networks',
                                            8
                                                     304.0
                                                               150.0
                                                                                  12.0
                                                                                                              amc rebel sst
                                  16.0
                                                                      3433
                                                                                             70
                                                                                                  usa
                               3
 'brain_networks',
                                 17.0
                                                     302.0
                                                                140.0
                                                                      3449
                                                                                  10.5
                                                                                             70
                                                                                                  usa
                                                                                                                 ford torino
 'car_crashes',
 car_crashes'
 'diamonds',
 'diamonds'.
                          Out[8]: array([130., 165., 150., 140., 198., 220., 215., 225., 190., 170., 160.,
 'dots',
                                              95., 97., 85., 88., 46., 87., 90., 113., 200., 210., 193., nan, 100., 105., 175., 153., 180., 110., 72., 86., 70., 76.,
 'dots'
 'dowjones',
 'dowjones',
                                                             60., 80., 54., 208., 155., 112.,
                                                      69.,
                                                                                                         92., 145., 137.,
 'exercise'
                                             158., 167.,
                                                             94., 107., 230., 49., 75., 91., 122., 67.,
 'exercise',
                                                      52.,
                                                             61., 93., 148., 129.,
                                                                                           96.,
 'flights',
                                                                                                  71., 98., 115.,
 'flights',
                                                                                         68., 58., 149., 89.,
                                              81.,
                                                      79., 120., 152., 102., 108.,
 'fmri',
                                                      66., 139., 103., 125., 133., 138., 135., 142.,
 'fmri'
                                                     84.,
                                                            64., 74., 116., 82.])
 'geyser'
 geyser',
                                                                                          Out[7]:
                                                                                                     mpg
                                                                                                                              129
 'glue',
 glue'
                                                                                                                                5
                                                                                                      cylinders
                            Mean Squared Error (MSE): 13.94
 'healthexp',
                                                                                                      displacement
                                                                                                                               82
 'healthexp',
                            Root Mean Squared Error (RMSE): 3.73
 'iris',
                                                                                                      horsepower
                                                                                                                               93
                            R-squared (R2): 0.74
 'iris',
                                                                                                      weight
                                                                                                                              351
 'mpg',
                                                                                                      acceleration
                                                                                                                               95
 'mpg',
 'penguins'.
                                                                                                      model year
                                                                                                                               13
 'penguins
                                                                                                                                3
                                                                                                      origin
 'penguins',
 'planets',
                                                                                                                              305
                                                                                                      name
 'planets'
                                                                                                      dtype: int64
 'seaice',
 'seaice',
 'taxis',
 'taxis',
                              Index(['mpg', 'displacement', 'horsepower', 'acceleration'], dtype='object')
 'tips',
 'tips'
                              Index(['origin', 'name'], dtype='object')
 'titanic'
 'titanic'
 'anagrams
 'anscombe'
                             Out[13]:
                                                         count
                                                                      mean
                                                                                     std
                                                                                            min
                                                                                                      25%
                                                                                                              50%
                                                                                                                        75%
                                                                                                                                max
 'attention'
 'brain networks',
                                                         398.0
                                                                  23.514573
                                                                                7.815984
                                                                                             9.0
                                                                                                    17.500
                                                                                                              23.0
                                                                                                                      29.000
                                                                                                                                46.6
 'car_crashes',
 'diamonds',
                                              cylinders
                                                         398.0
                                                                   5.454774
                                                                                1.701004
                                                                                             3.0
                                                                                                     4.000
                                                                                                               4.0
                                                                                                                       8.000
                                                                                                                                 8.0
 'dots',
 'dowjones'
                                          displacement
                                                         398.0
                                                                 193.425879
                                                                             104.269838
                                                                                            68.0
                                                                                                   104.250
                                                                                                             148.5
                                                                                                                     262.000
                                                                                                                               455.0
 'exercise',
 'flights',
                                            horsepower
                                                         398.0
                                                                 104.304020
                                                                               38.222625
                                                                                            46.0
                                                                                                    76.000
                                                                                                              93.5
                                                                                                                     125.000
                                                                                                                               230.0
 'fmri'.
 'geyser',
                                                 weight
                                                         398.0
                                                                2970.424623
                                                                             846.841774 1613.0
                                                                                                 2223.750
                                                                                                           2803.5
                                                                                                                   3608.000
                                                                                                                              5140.0
 'glue',
 'healthexp',
                                           acceleration
                                                         398.0
                                                                  15.568090
                                                                               2.757689
                                                                                             8.0
                                                                                                    13.825
                                                                                                              15.5
                                                                                                                      17.175
                                                                                                                                24.8
 'iris',
 'mpg',
                                                                  76.010050
                                                                                                              76.0
                                                                                                                      79.000
                                                                                                                                82.0
                                            model year
                                                         398.0
                                                                               3.697627
                                                                                            70.0
                                                                                                    73.000
 'penguins',
 'planets',
```

'seaice', 'taxis', 'tips', 'titanic']