```python
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sb
import scipy.stats
d=sb.load_dataset('mpg')
print((d.info))
```

```
<bound method DataFrame.info of       mpg  cylinders  displacement  horsepower  wei
0     18.0          8         307.0        130.0      3504        12.0
1     15.0          8         350.0        165.0      3693        11.5
2     18.0          8         318.0        150.0      3436        11.0
3     16.0          8         304.0        150.0      3433        12.0
4     17.0          8         302.0        140.0      3449        10.5
..     ...        ...           ...          ...       ...         ...
393   27.0          4         140.0         86.0      2790        15.6
394   44.0          4          97.0         52.0      2130        24.6
395   32.0          4         135.0         84.0      2295        11.6
396   28.0          4         120.0         79.0      2625        18.6
397   31.0          4         119.0         82.0      2720        19.4

     model_year  origin                       name
0            70     usa  chevrolet chevelle malibu
1            70     usa          buick skylark 320
2            70     usa          plymouth satellite
3            70     usa              amc rebel sst
4            70     usa                 ford torino
..          ...     ...                        ...
393          82     usa             ford mustang gl
394          82  europe                   vw pickup
395          82     usa              dodge rampage
396          82     usa                 ford ranger
397          82     usa                  chevy s-10

[398 rows x 9 columns]>
```

```python
d=d.dropna()
r,p=scipy.stats.pearsonr(d.mpg,d.weight)
print('r=',round(r,3),'@',round(p,3),'level of significance')
```

```
r= -0.832 @ 0.0 level of significance
```