Graphs and Data

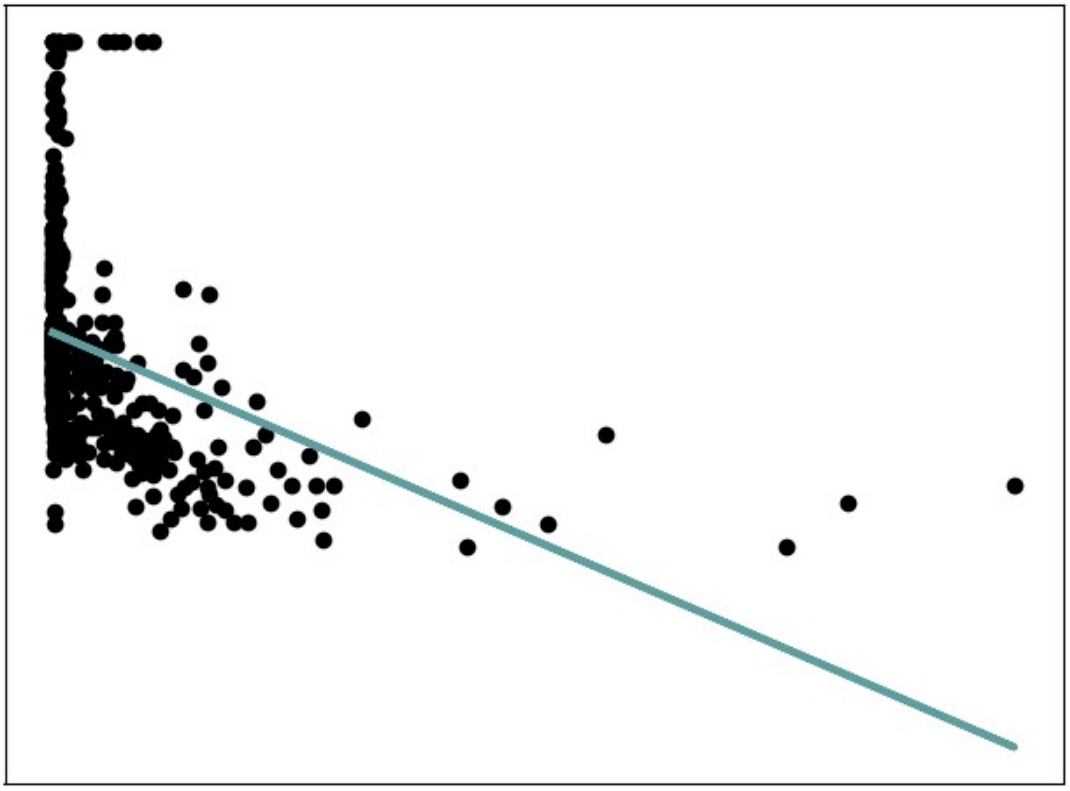

Figure-1 Price~CRIM

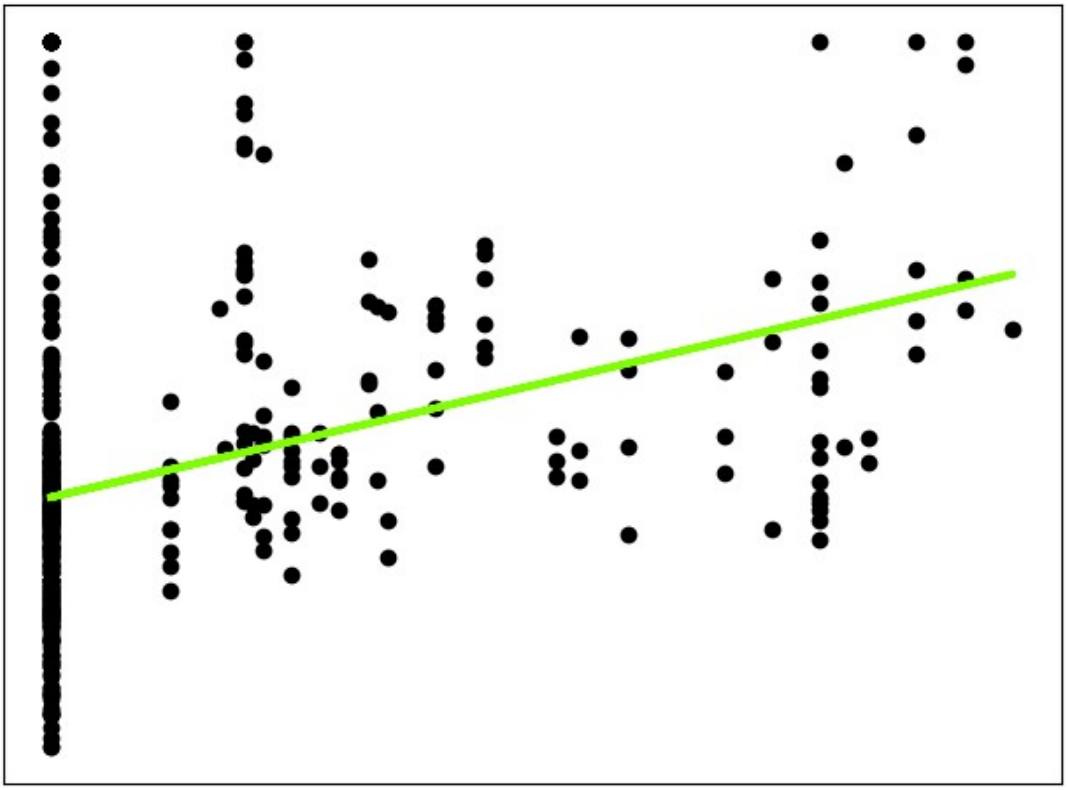

Figure-2　Price~ZN

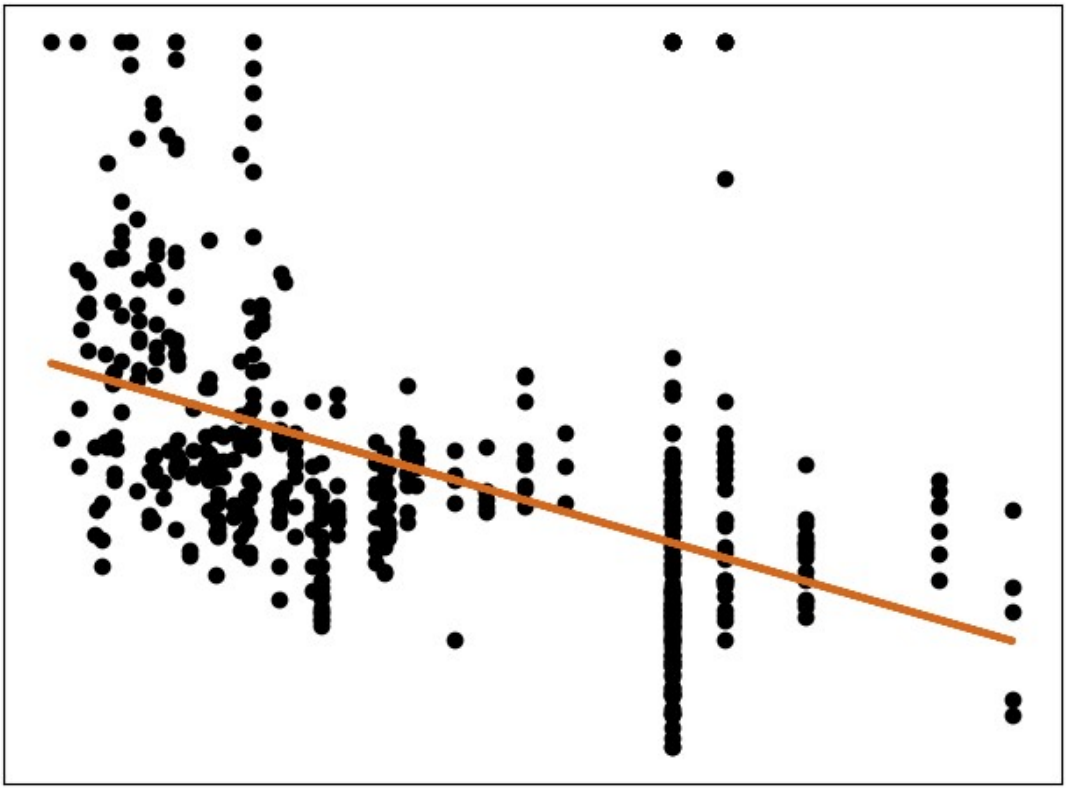

Figure-3　Price~INDUS

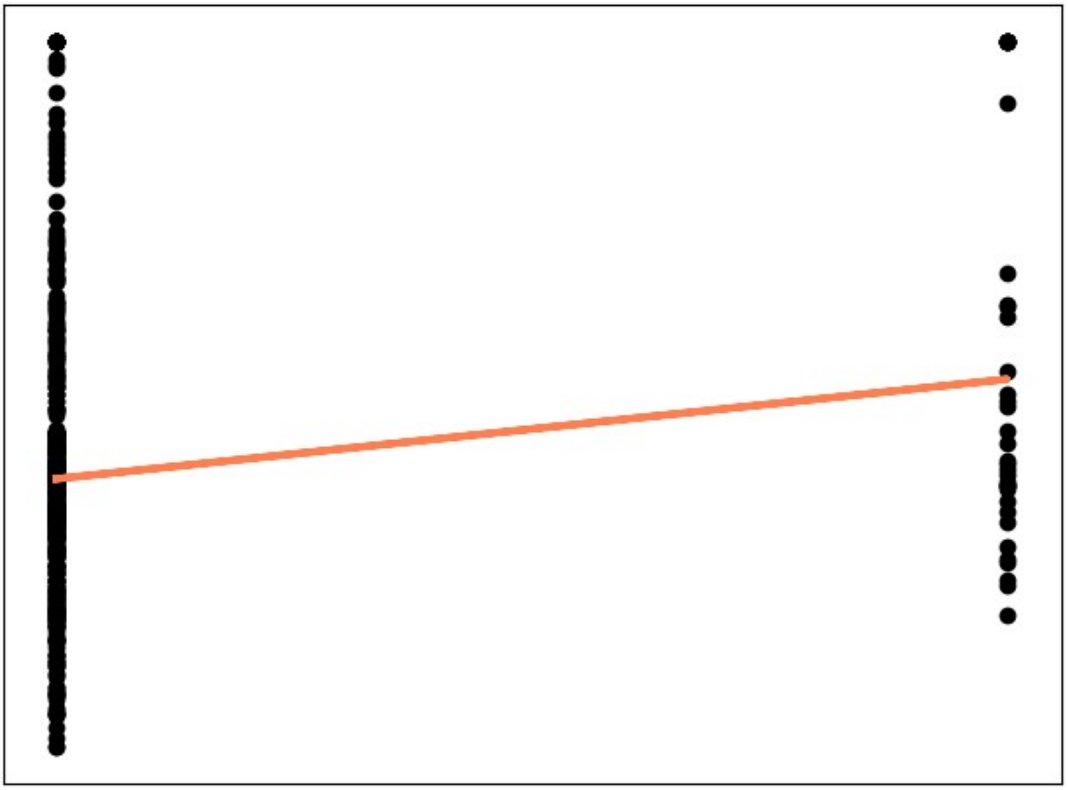

Figure-4　Price~CHAS

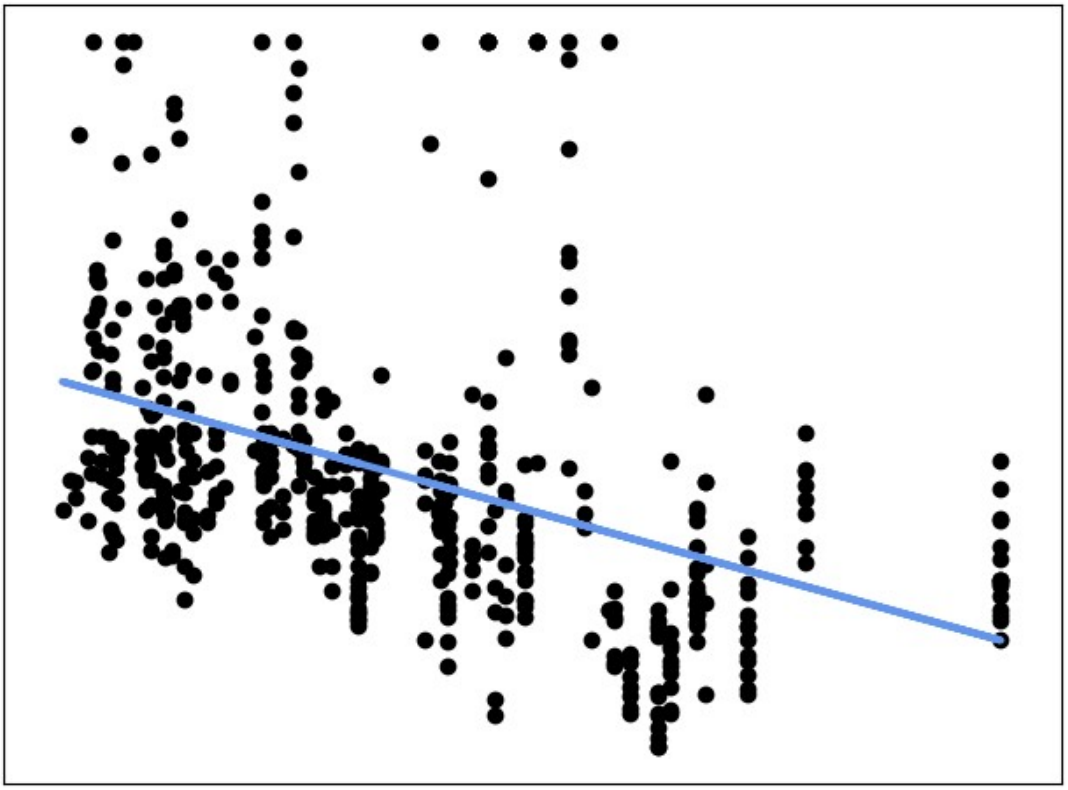

Figure-5　Price~NOX

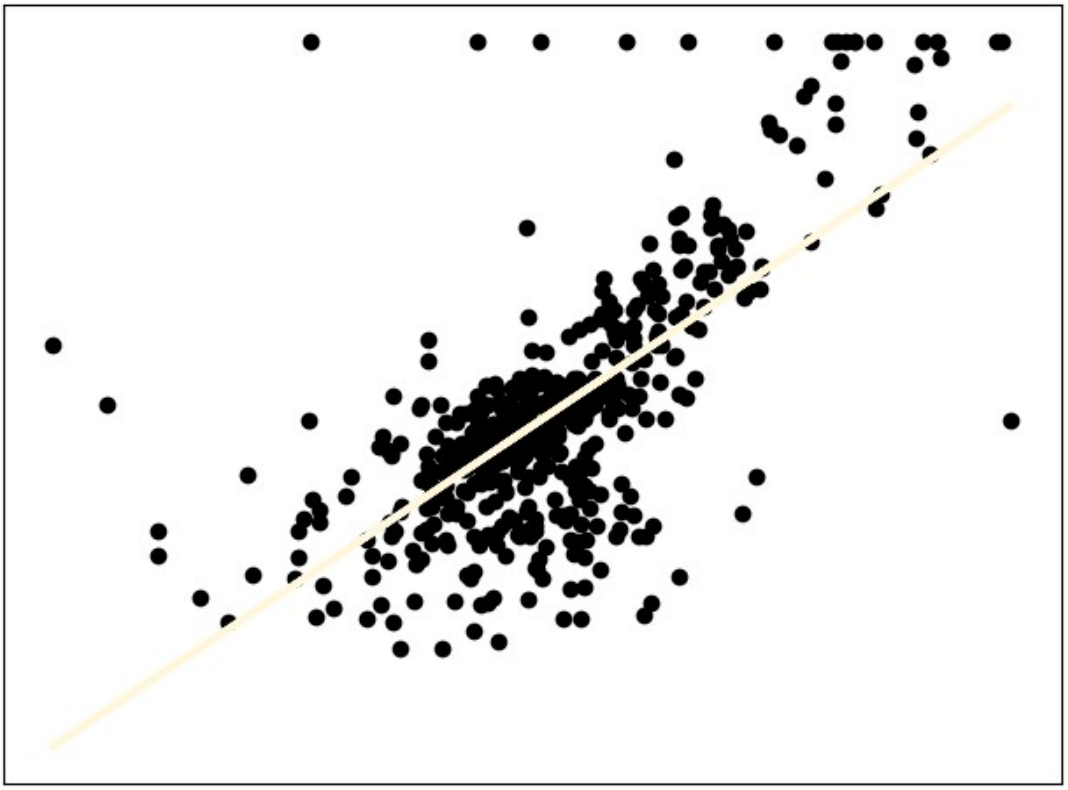

Figure-6　Price~RN

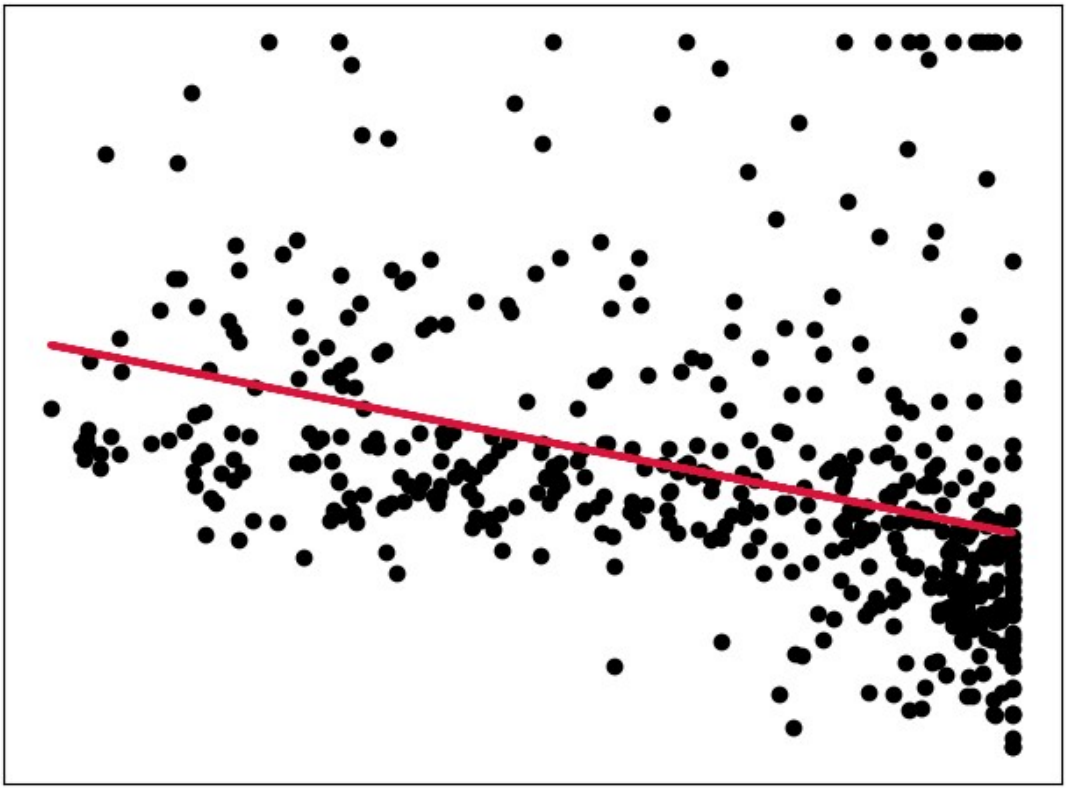

Figure-7　Price~AGE

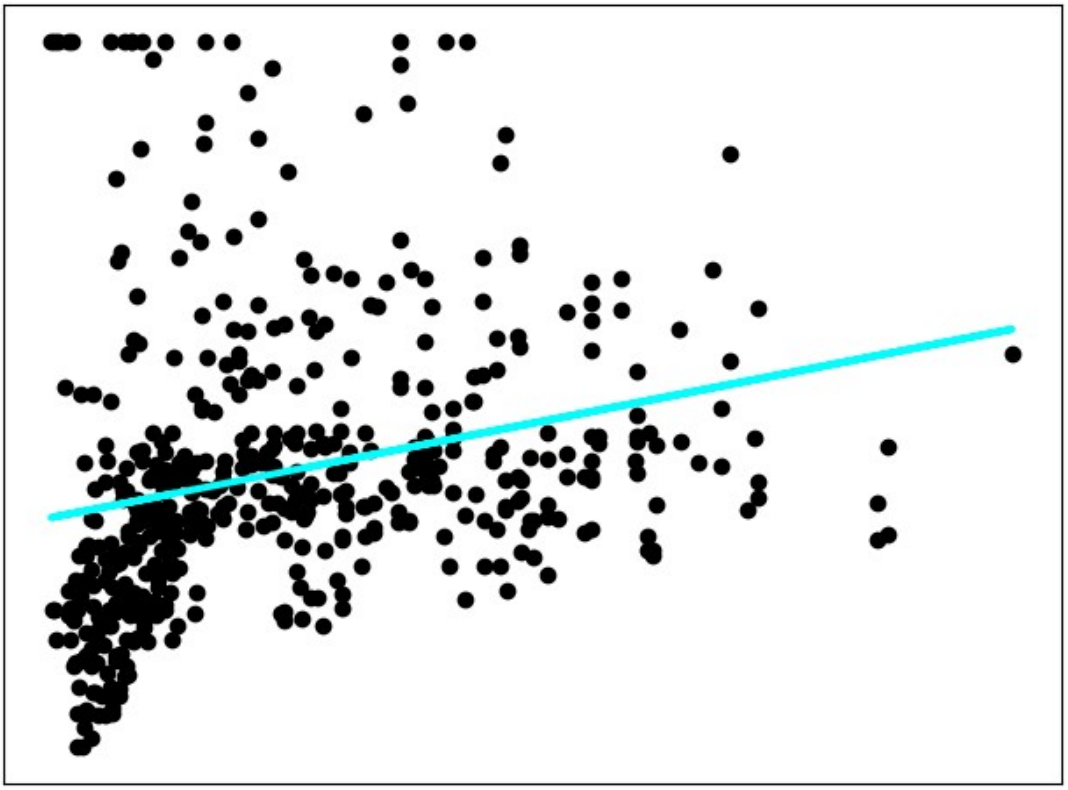

Figure-8　Price~DIS

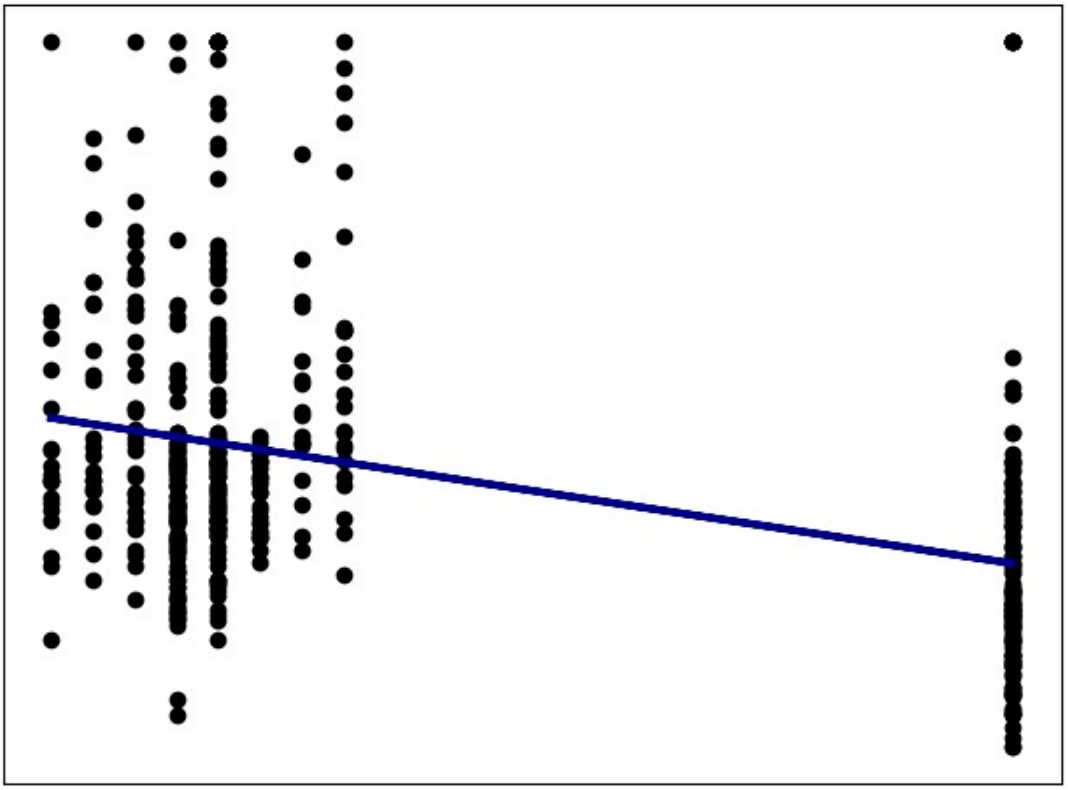

Figure-9　Price~RAD

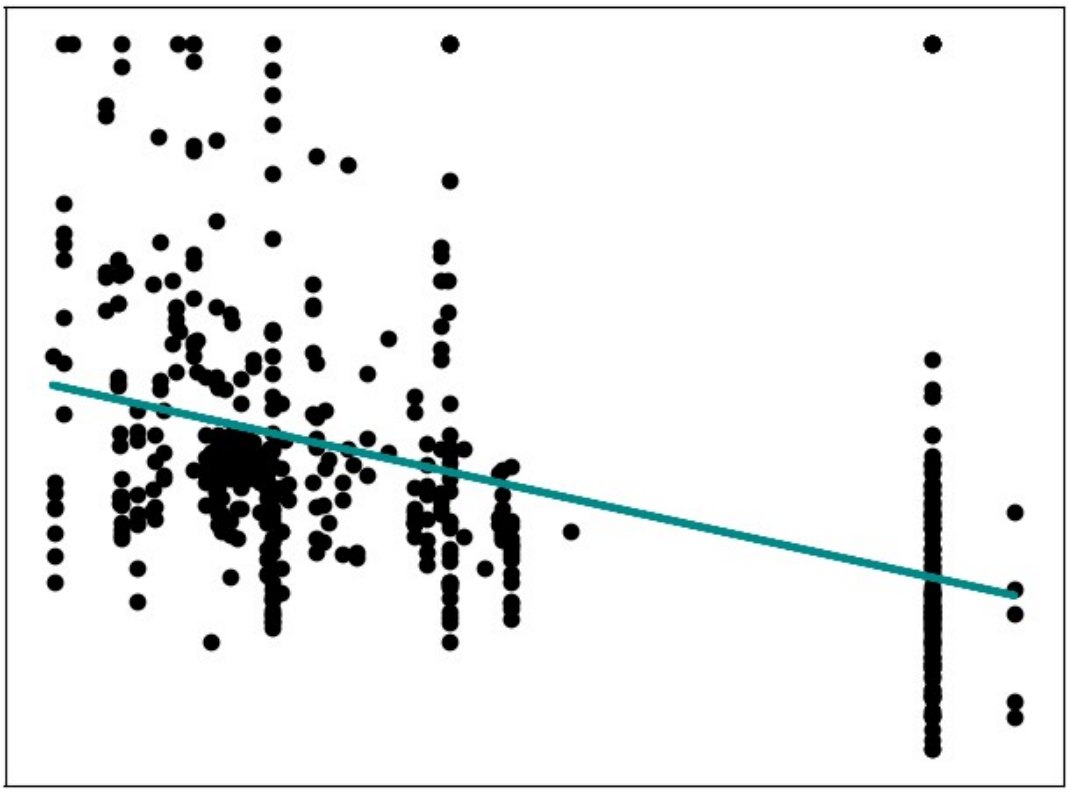

Figure-10　Price~TAX

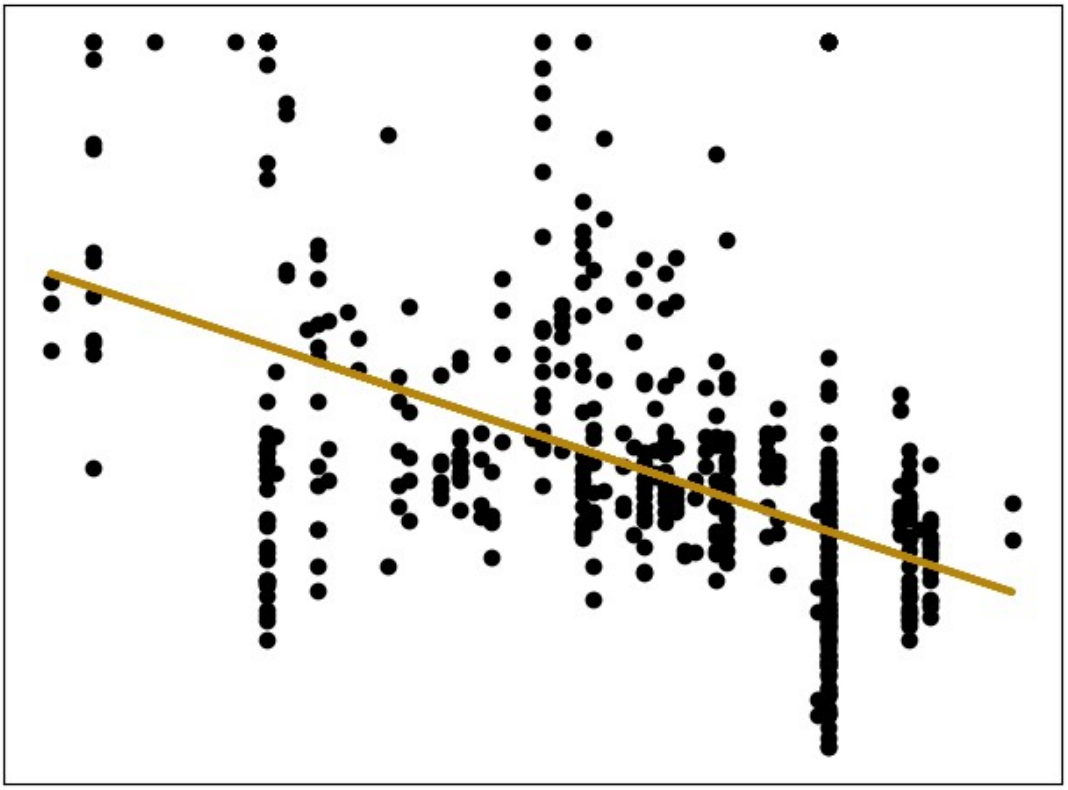

Figure-11　Price~PIRATIO

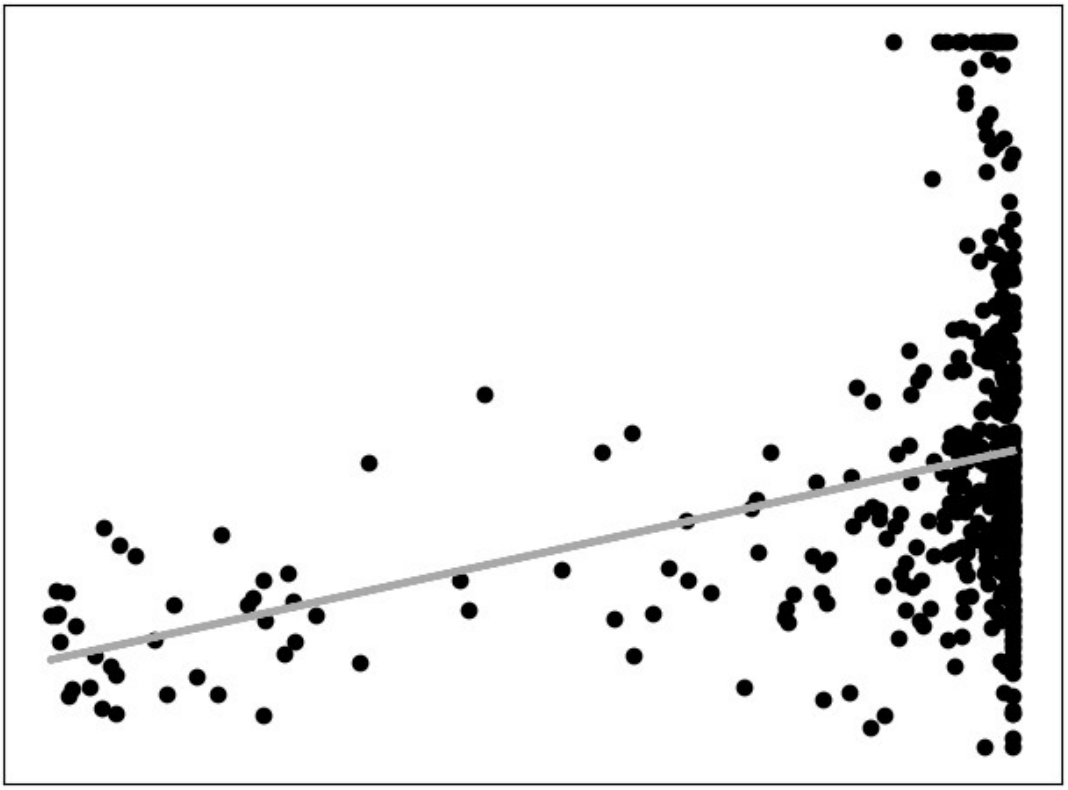

Figure-12　Price~B

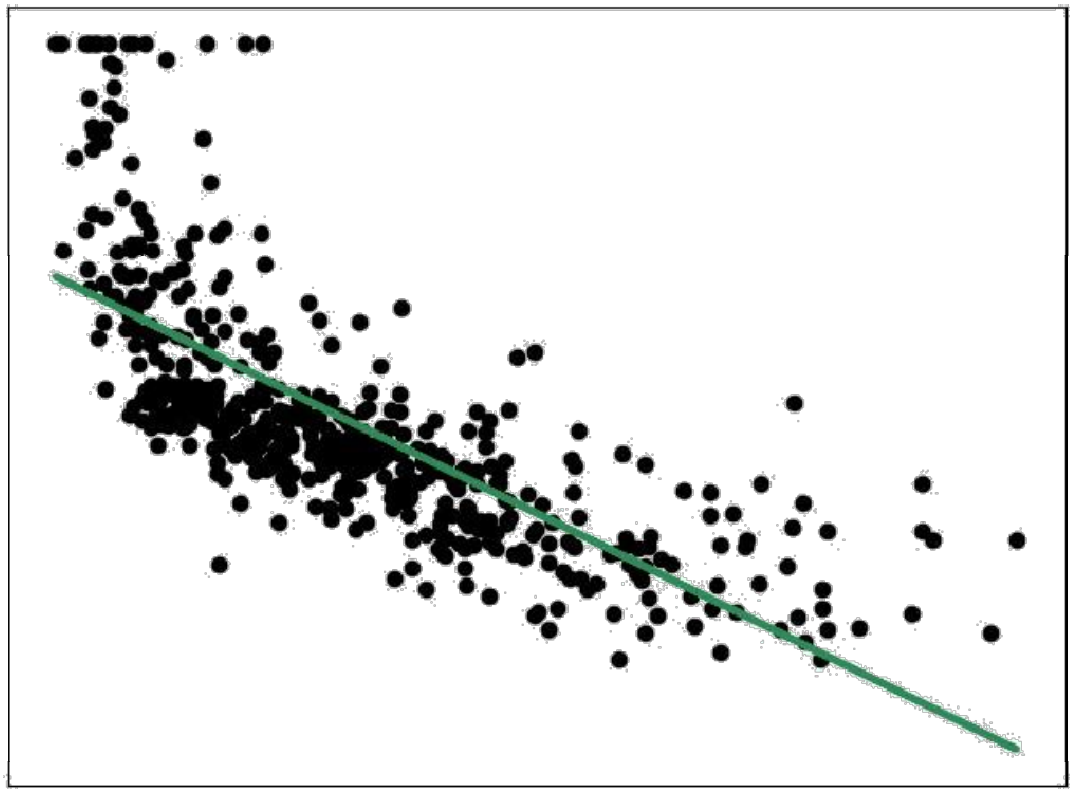

Figure-13 Price~LSTAT

Slope value of each line generated by linear regression

```
'CRIM': -0.41519028
'ZN': 0.14213999
'INDUS': -0.64849005
'CHAS': 6.34615711
'NOX': -33.91605501
'RM': 9.10210898
'AGE': -0.12316272
'DIS': 1.09161302
'RAD': -0.4030954
'TAX': -0.0255681
'PTRATIO': -2.1571753
'B': 0.03359306
'LSTAT': -0.95004935
```

Table-1 Coefficient

Intercept value of each line generated by linear regression

```
'CRIM': 24.03310617412388,
'ZN': 20.917579117799832,
'INDUS': 29.754896511928493,
'CHAS': 22.093842887473464,
'NOX': 41.345874467973246,
'RM': -34.67062077643857,
'AGE': 30.97867776261804,
'DIS': 18.390088330493384,
'RAD': 26.382128362272397,
'TAX': 32.97065449366631,
'PTRATIO': 62.34462747483266,(The greatest value)
'B': 10.551034138417158, (The least value)
'LSTAT': 34.55384087938311}
```

Table-2 Intercept

According to the absolute value of linear regression slope, we can see NOX as the greatest influence on the price in Boston and take TAX as the least impact on the Boston price.