Graphs and Data

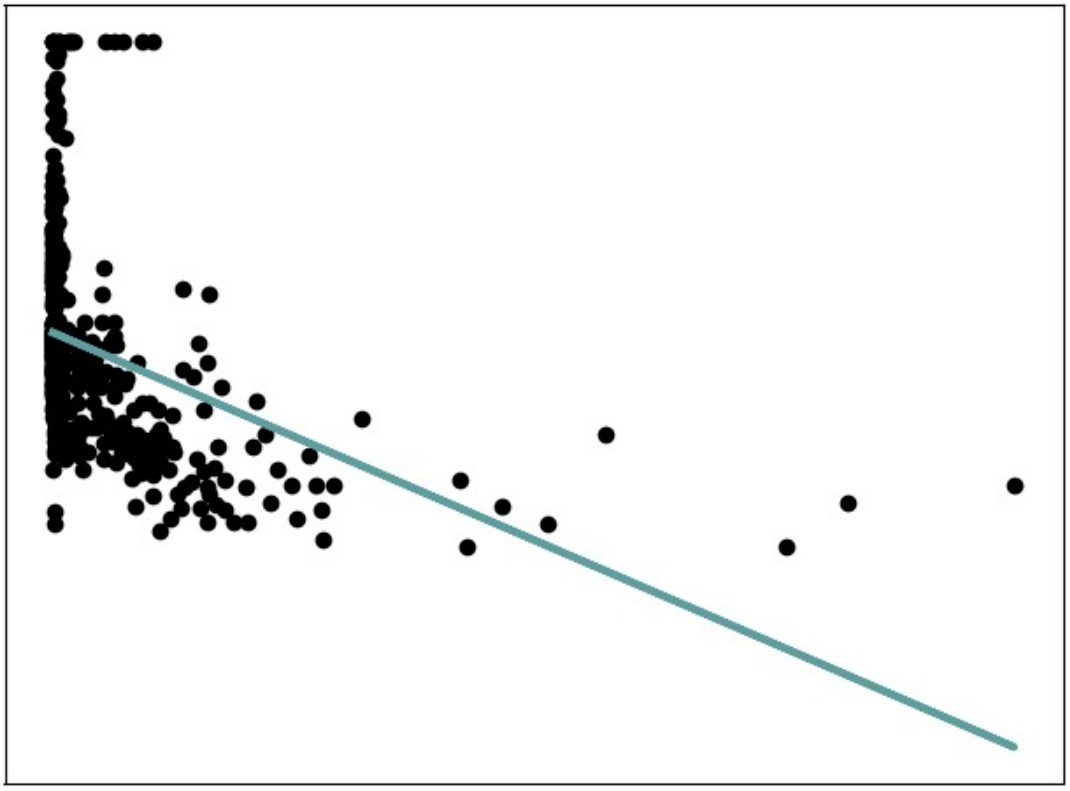

Figure-1 Price~CRIM

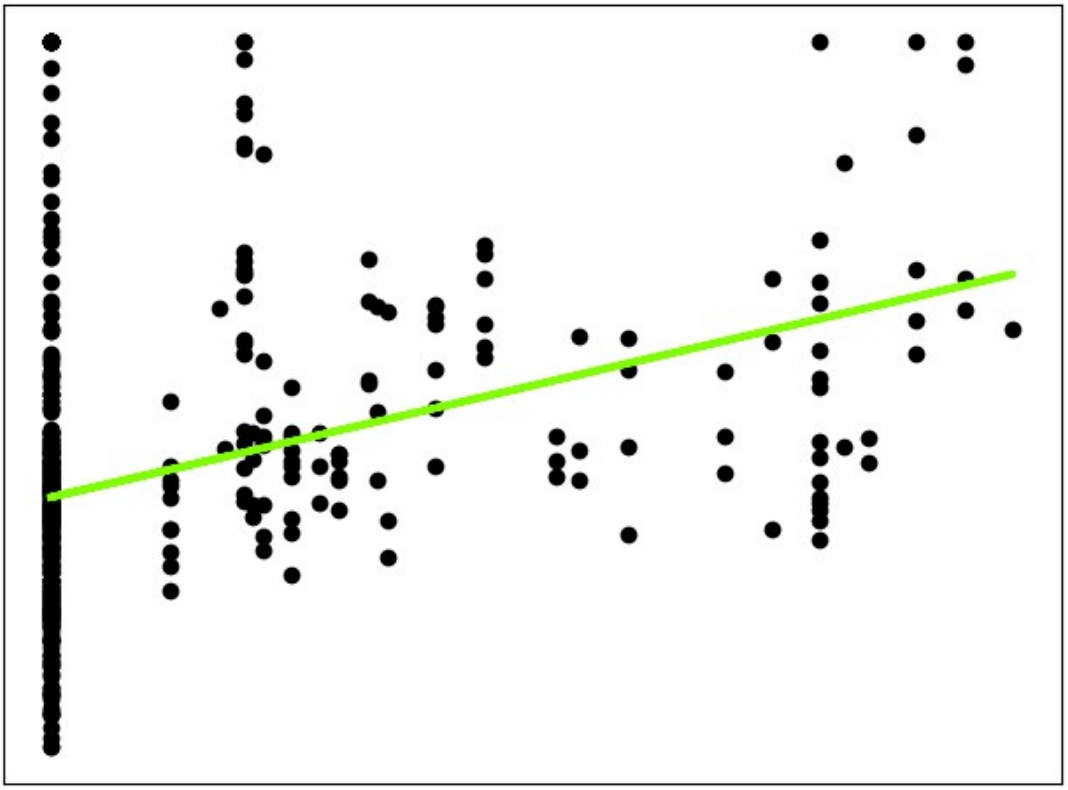

Figure-2　Price~ZN

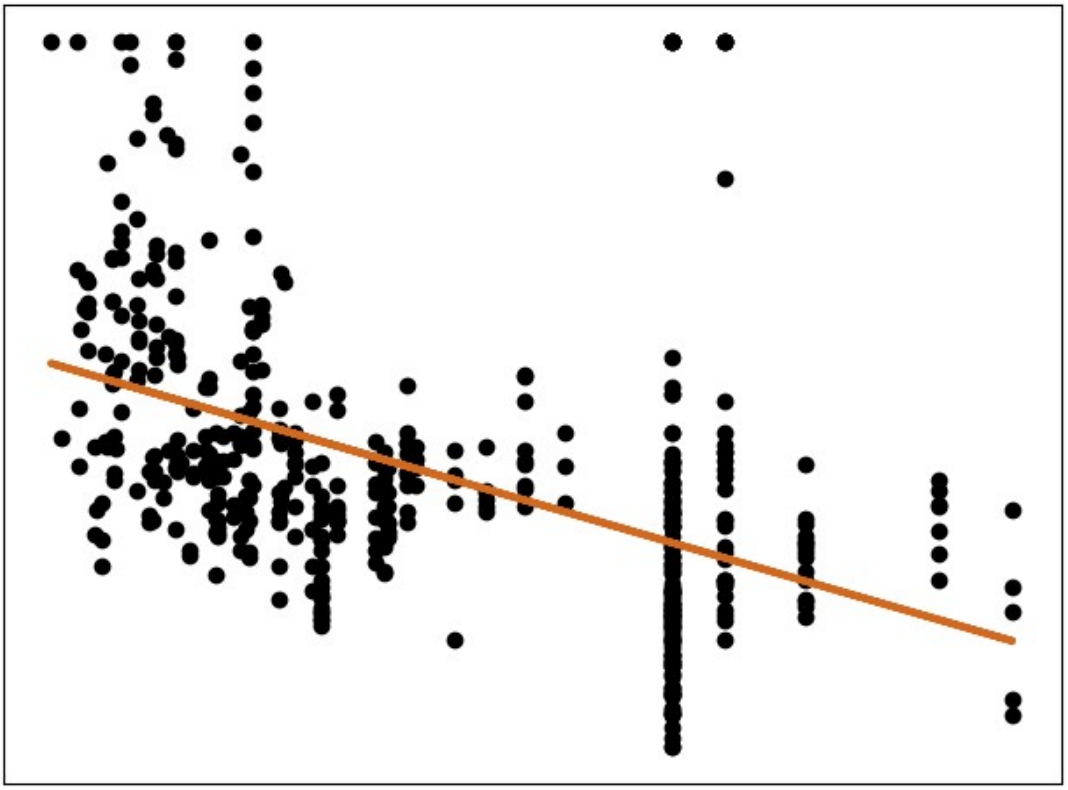

Figure-3　Price~INDUS

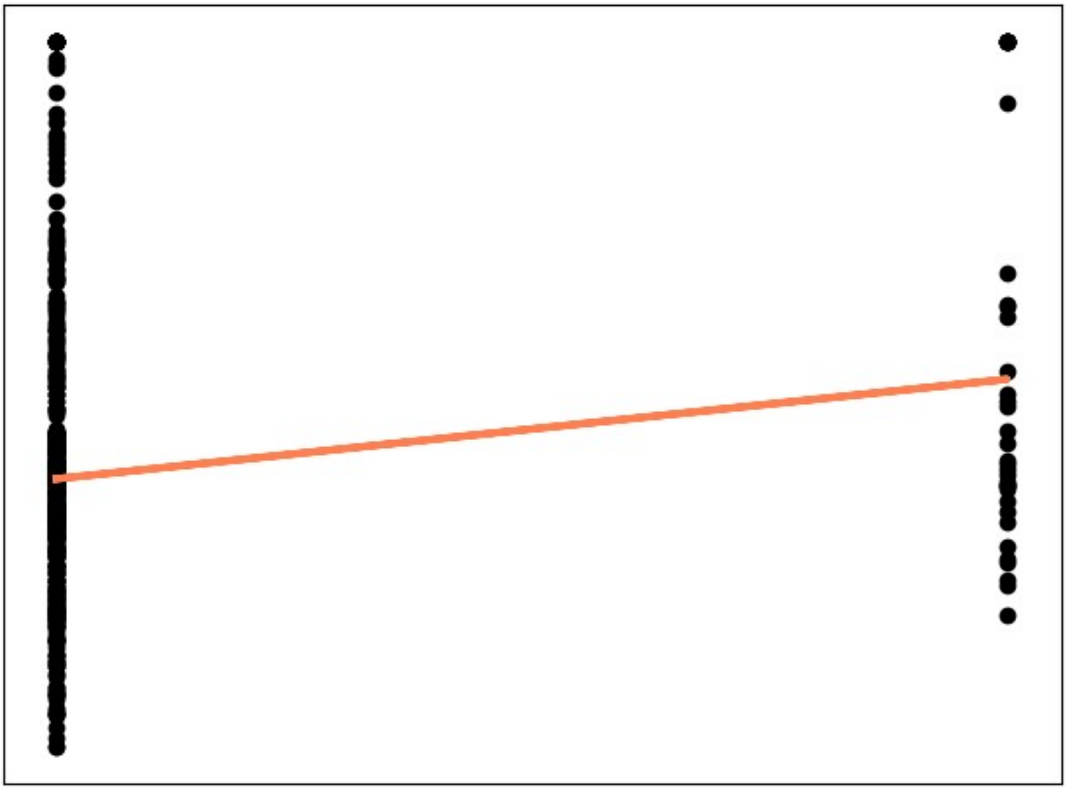

Figure-4　Price~CHAS

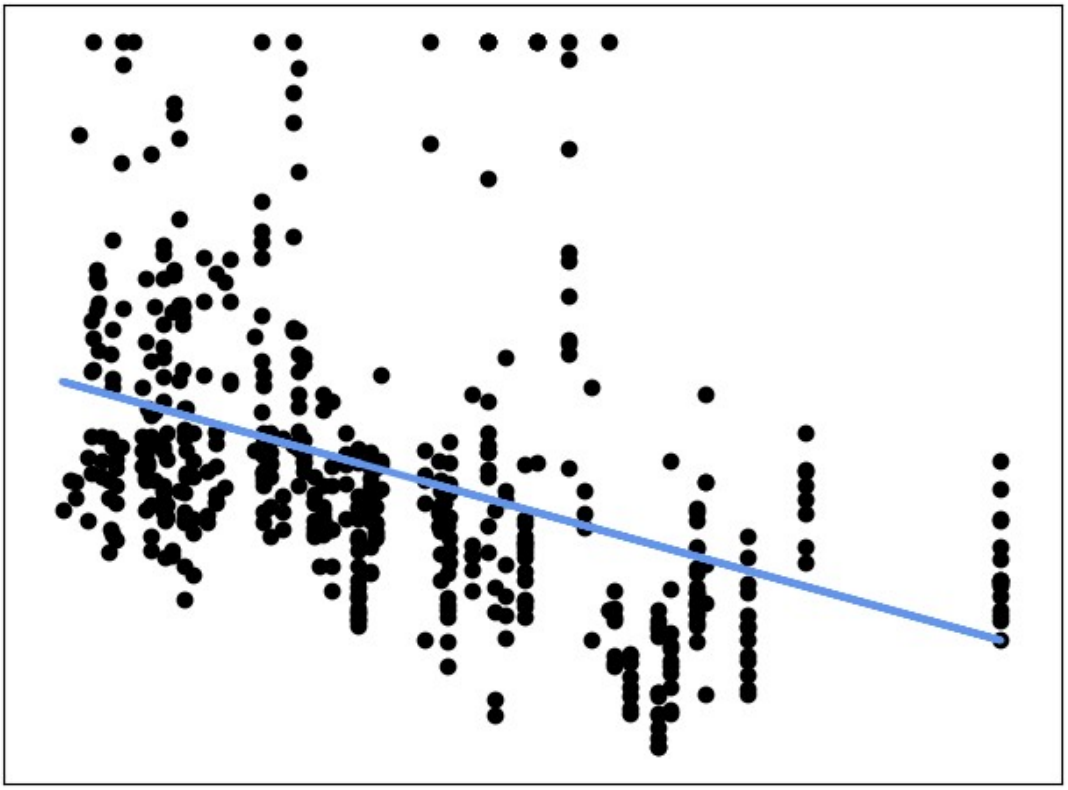

Figure-5　Price~NOX

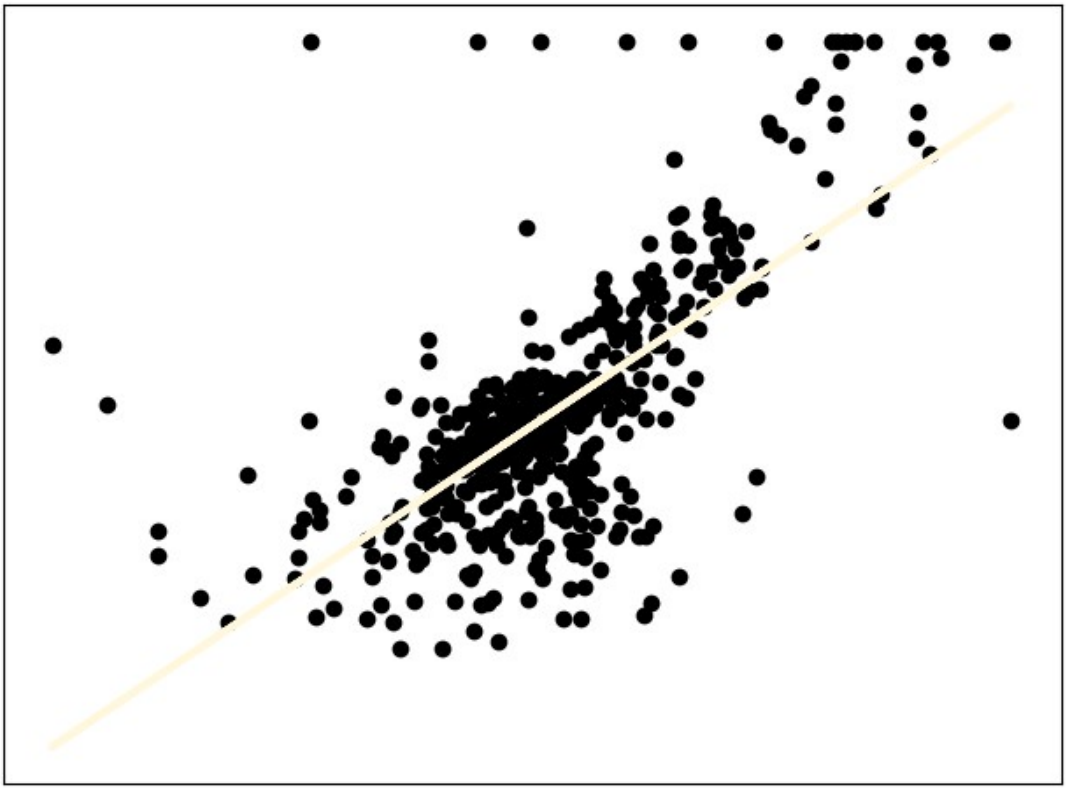

Figure-6　Price~RN

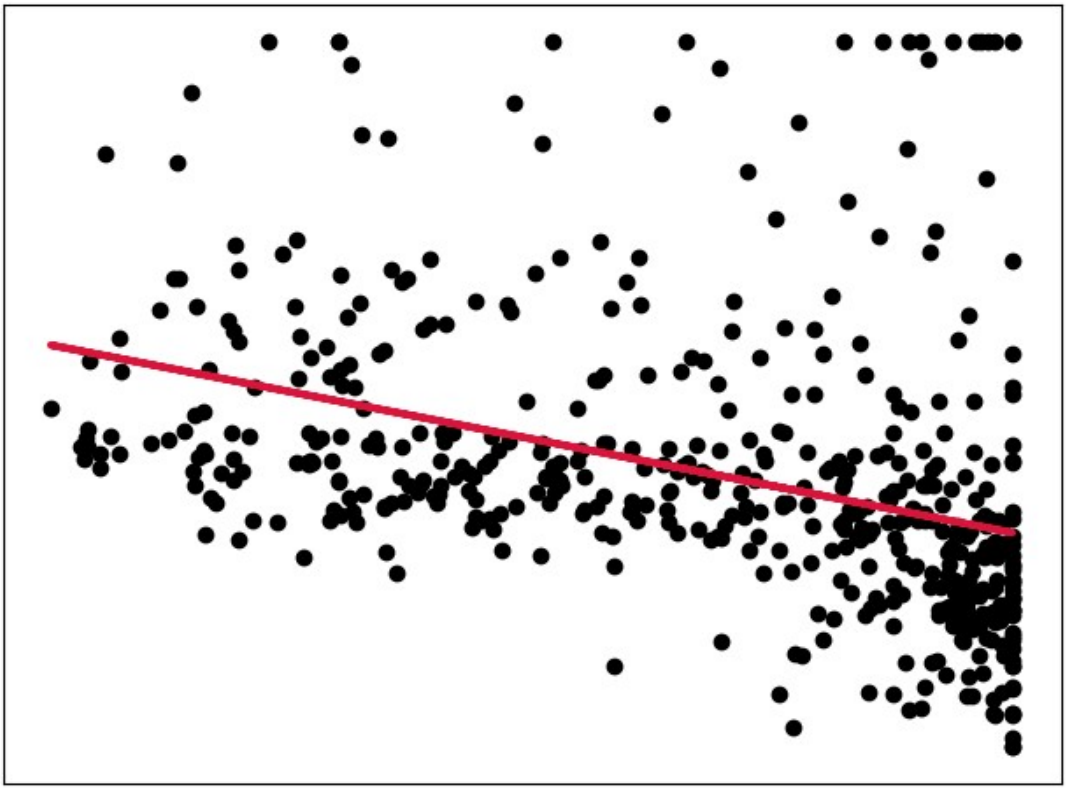

Figure-7　Price~AGE

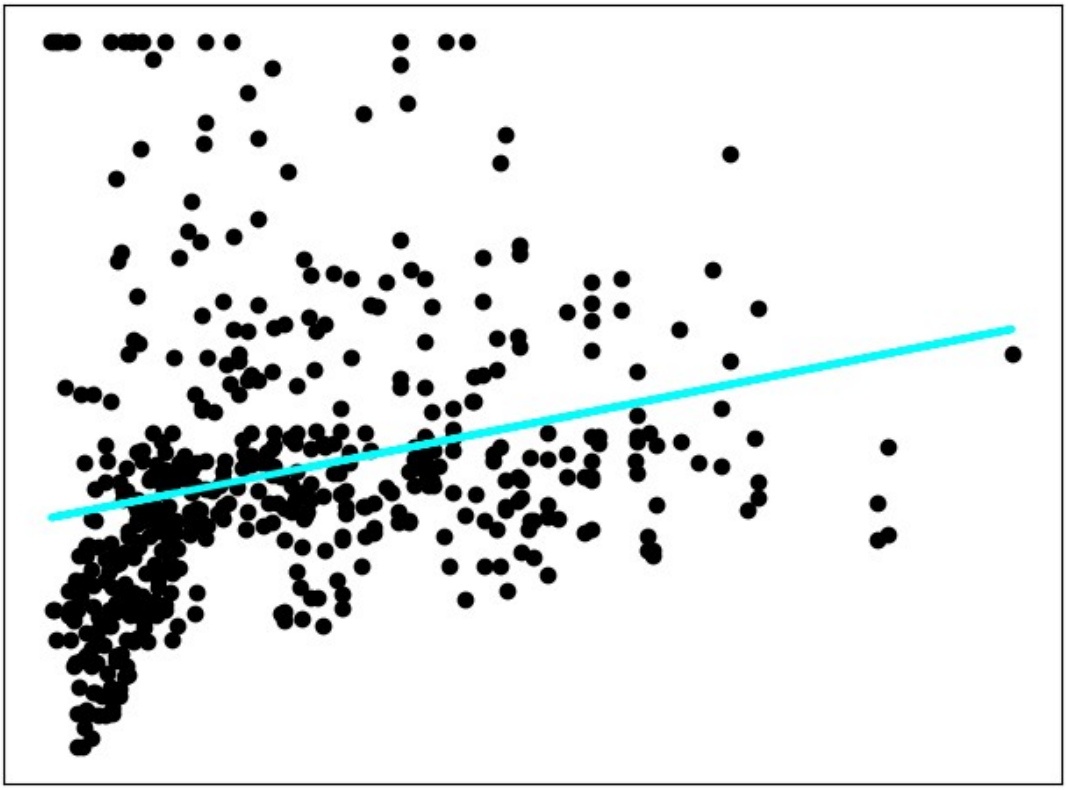

Figure-8　Price~DIS

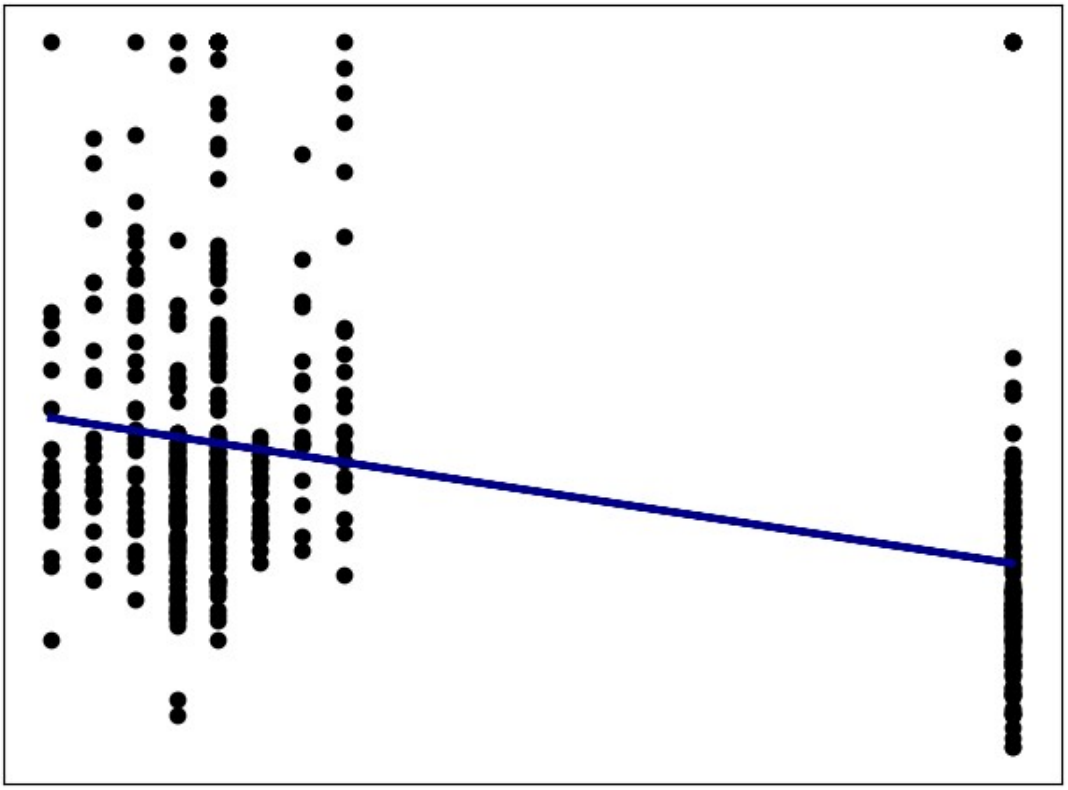

Figure-9　Price~RAD

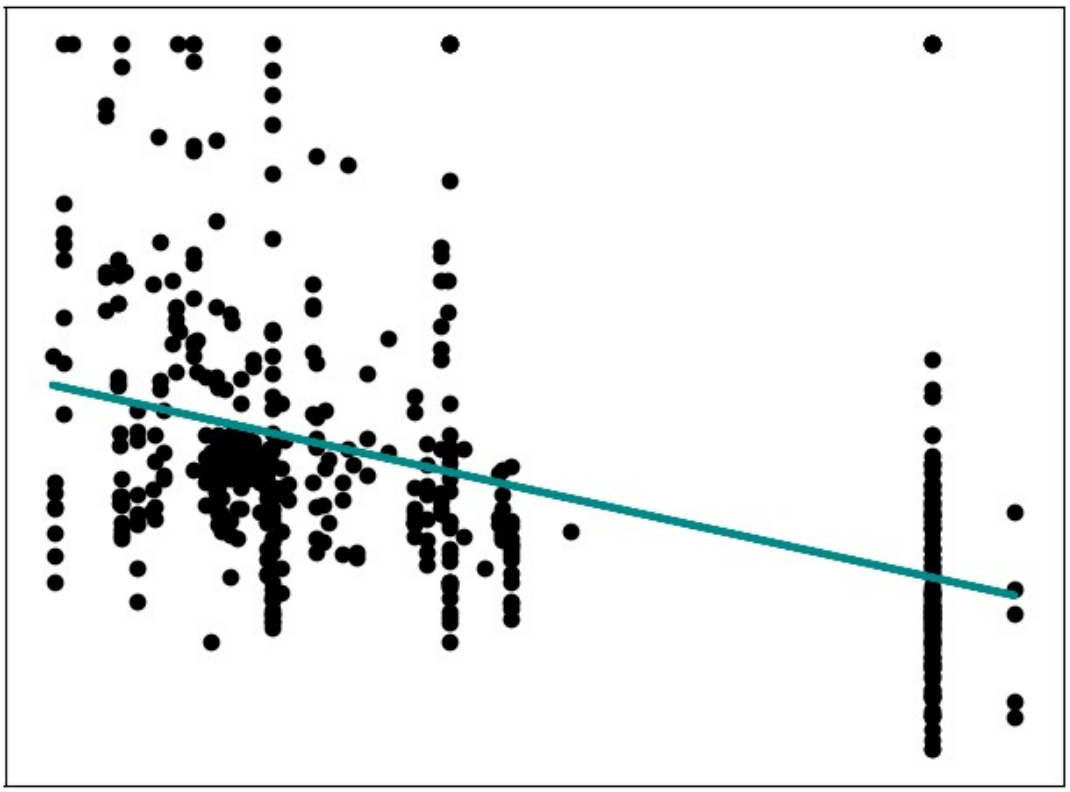

Figure-10　Price~TAX

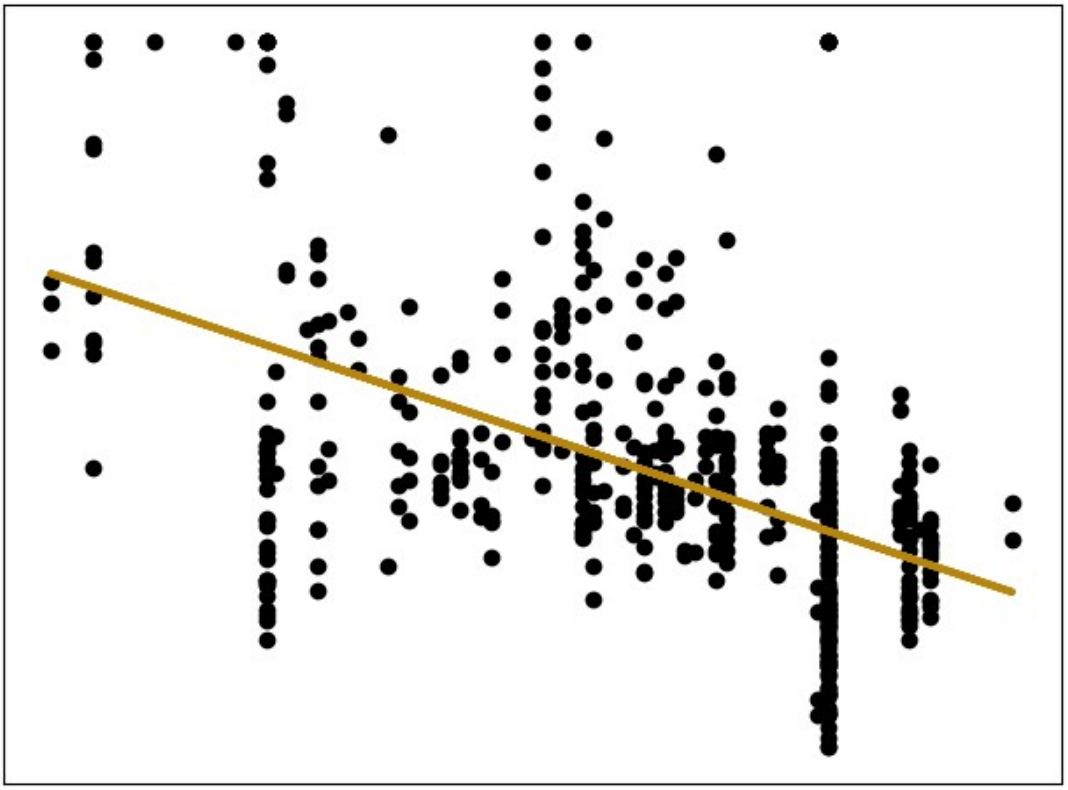

Figure-11　Price~PIRATIO

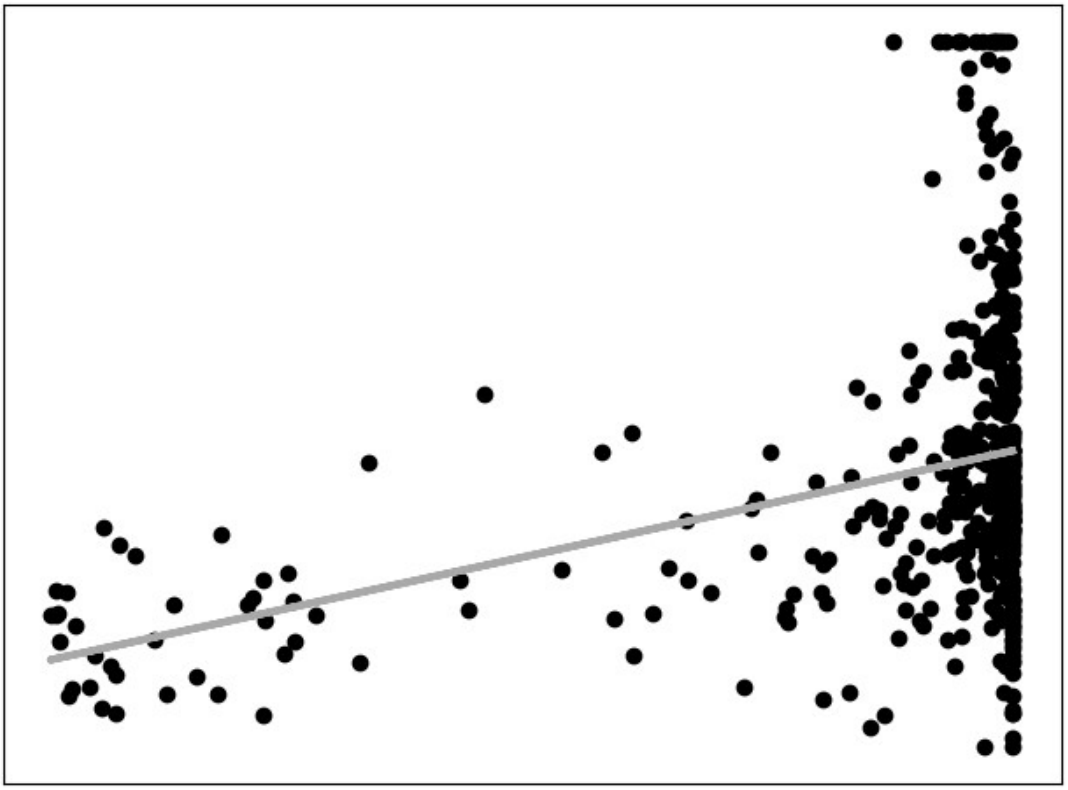

Figure-12　Price~B

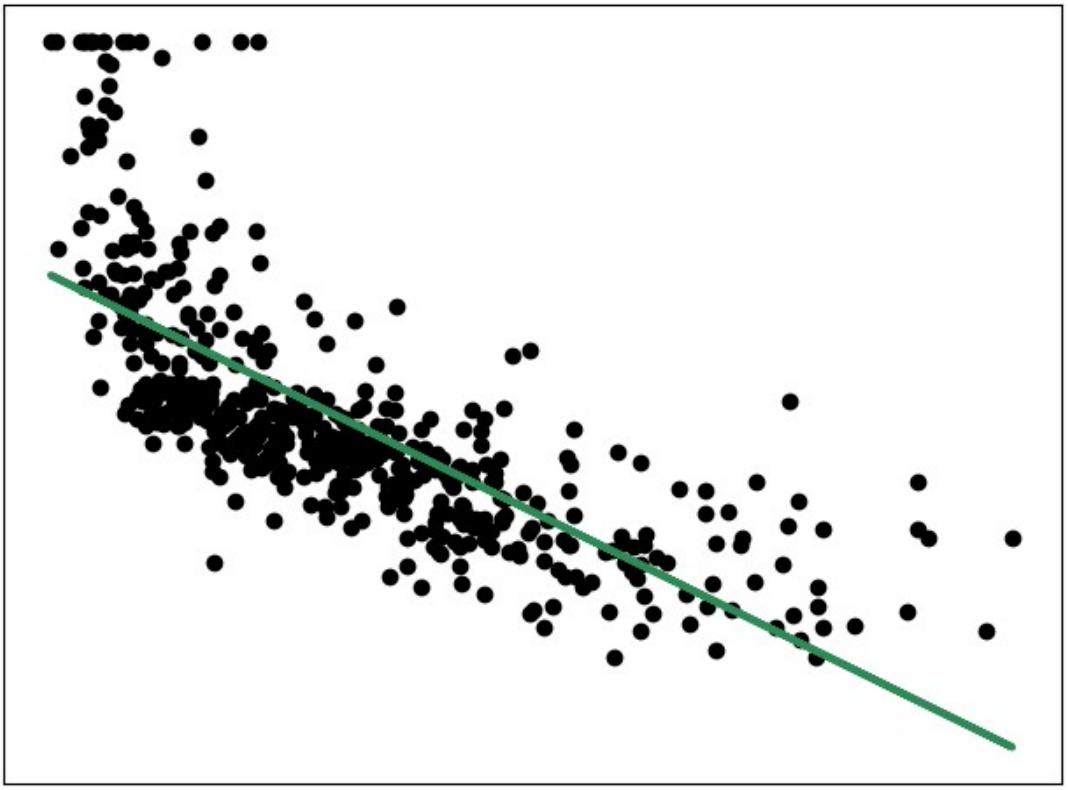

Figure-13　Price~LSTAT

Slope value of each line generated by linear regression

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'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}
```

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