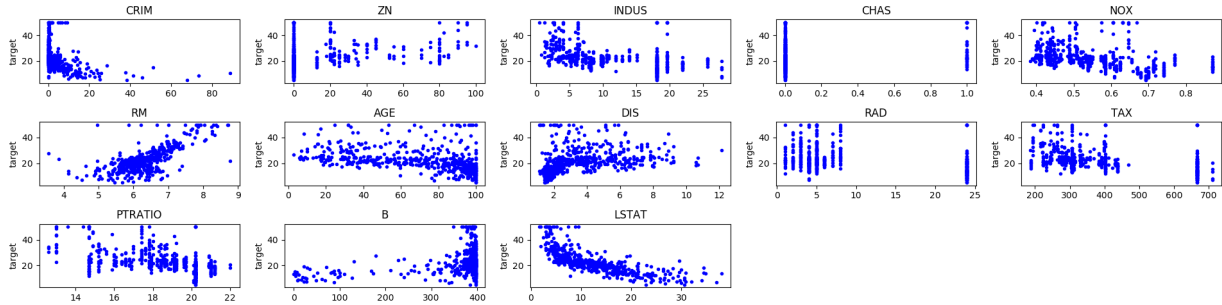


Q1:

Number of data points: 506
Number of features: 13

plot:



The sign of weight of 'INDUS' is positive
means: higher 'INDUS' value \Rightarrow higher predicted value

Since 'INDUS' is proportion of non-retail business acres per town
higher 'INDUS' \Rightarrow higher price as expected

Another two Errors:

Standard error $:= \sqrt{\text{MSE}}$

$$\text{mean-of-sum of } L_1 \text{ loss} = \frac{\sum_i |y^{(i)} - \hat{y}^{(i)}|}{N}$$

Reason:

these are the only two that I know

| CRIM | ZN | INDUS | CHAS | NOX | RM | AGE | DIS | RAD | TAX | PTRATIO | B | LSTAT |
|--------|-------|-------|-------|---------|-------|--------|--------|-------|--------|---------|-------|--------|
| -0.088 | 0.023 | 0.018 | 1.253 | -15.886 | 5.597 | -0.022 | -1.402 | 0.224 | -0.013 | -0.919 | 0.011 | -0.209 |

CHAS, NOX, RM, DIS, PTRATIO are most significant features.
Since they have higher absolute weight