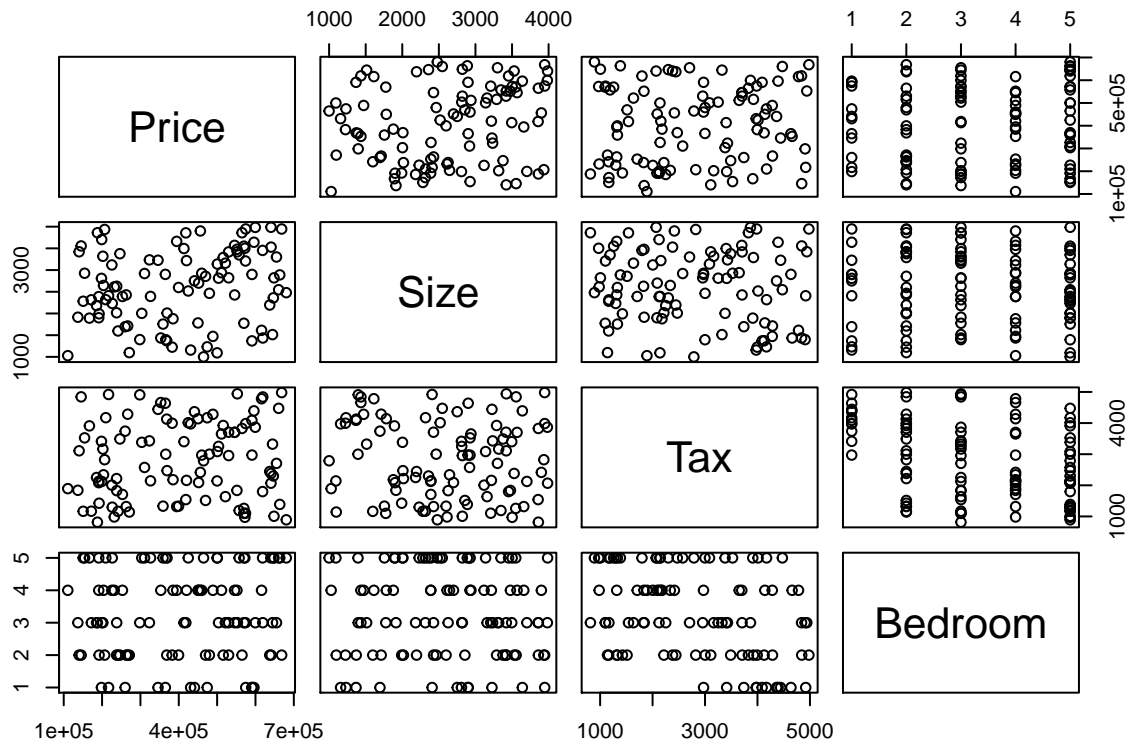


Multiple

```
Multiple<- read.csv("c:/users/kun hu/desktop/Multiple.csv")
```

```
pairs(Multiple)
```



```
linear<- lm(Multiple$Price~Multiple$Size+Multiple$Tax+Multiple$Bedroom)
```

```
summary(linear)
```

```
##
## Call:
## lm(formula = Multiple$Price ~ Multiple$Size + Multiple$Tax +
##     Multiple$Bedroom)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -331958 -131638   10570  125284  298749
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   168502.69   91724.41   1.837   0.0693 .
## Multiple$Size     44.64     19.62   2.275   0.0251 *
## Multiple$Tax      24.36     14.43   1.688   0.0946 .
## Multiple$Bedroom 16130.55  12941.53   1.246   0.2156
```

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 163500 on 96 degrees of freedom
## Multiple R-squared:  0.07334,    Adjusted R-squared:  0.04438
## F-statistic: 2.533 on 3 and 96 DF,  p-value: 0.06154
```

We can see only Size has significant impact on sales price based on $p\text{-value}=0.0251<0.05$