```
84) thetha predict <- function (fit, ozone) {cbind (1, x)%*% x%*% coef}
85 x <- as. matrix (cap_slone [c ("ozone", vehicle count")]
86 x <- as. matrix (cap_slone [c ("ozone" "vehicle count" " total space")
87 y <- as. matrix (cap_slone [c ("y")])
88 result <- cross val (x, y, thetha. fit. thetha. predict n group=10).

89 library (leaps)

90 attach (cap_slone)

91) Cor. (y , fitted $ Fitted. values) **2.

92) Cor (y, result $ cv. fit) **2.

93) attach (parking_data)

94) leaps <- reg subset (ozone ~ vehicle count + total space , data =
                                                    cap_slone , nbest=10).

95) summary (leaps)

96) plot ( leaps , scale = "r2")

97) library. (car)

98) subsets (leaps, statistic = "rsq").

99) plot (data=. Cap._slone)

100) hist (cap_slone $ vehicle count)

101) hist (cap_slone $ ozone).
```