Ozone.R

jsharma

Fri Oct 07 15:58:58 2016

setwd("C:/Users/jsharma/Desktop/college/Fall 2016/CS647 Big Data Analytics")  
mydata <- read.csv("Ozone\_data.csv")  
summary(lm(Ozone ~ Temp+Wind, data = mydata))

##   
## Call:  
## lm(formula = Ozone ~ Temp + Wind, data = mydata)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -42.156 -13.216 -3.123 10.598 98.492   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## (Intercept) -67.3220 23.6210 -2.850 0.00524 \*\*   
## Temp 1.8276 0.2506 7.294 5.29e-11 \*\*\*  
## Wind -3.2948 0.6711 -4.909 3.26e-06 \*\*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 21.73 on 108 degrees of freedom  
## Multiple R-squared: 0.5814, Adjusted R-squared: 0.5736   
## F-statistic: 74.99 on 2 and 108 DF, p-value: < 2.2e-16