## Regression- Example with R- Markdown

### By Mandar Gadkari

setwd("C:/Courses/BigData")  
mydata<- read.csv ("hw1\_data.csv")  
summary(lm(Ozone ~ Temp + Month, data = mydata))

##   
## Call:  
## lm(formula = Ozone ~ Temp + Month, data = mydata)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -41.490 -14.509 0.456 11.698 120.372   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## (Intercept) -139.614 18.318 -7.622 8.39e-12 \*\*\*  
## Temp 2.659 0.253 10.513 < 2e-16 \*\*\*  
## Month -3.522 1.626 -2.166 0.0324 \*   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 23.34 on 113 degrees of freedom  
## (37 observations deleted due to missingness)  
## Multiple R-squared: 0.5081, Adjusted R-squared: 0.4994   
## F-statistic: 58.37 on 2 and 113 DF, p-value: < 2.2e-16