**Class Practice - 4**

**MIS 64038**

1. Plot the following graph (adding smooth()):

ggplot(cars, aes(x=displ, y = cty)) + geom\_point(colour="green") + geom\_smooth()

1. Change the method to linear (method=”lm”)

ggplot(cars, aes(x=displ, y = cty)) + geom\_point(colour="green") +

geom\_smooth(**method = "lm**")

1. Changing the span parameter to control wiggliness of the line:

ggplot(cars, aes(x=displ, y = cty)) + geom\_point(colour="red") + geom\_smooth(span=0.4)

1. How is this smooth() function useful in interpreting results?
2. Can you use this to explain this to a senior management executive
3. Try changing span parameter, Values range from 0 to 1