Introductory Statistical Analysis Session 5 Task

ASSIGNED ON: Wednesday 3/6/2013
DUE Tuesday 3/19/2013 9pm
REMINDER: SESSION 4 TASK DUE Tuesday 3/12/2013 9pm

Include task 5 of Session 4 Task (transformation of variable) as part of this assignment if you did not include this task in your completed Session 4 Task.

1. Produce the following graphs using the 5 variables you chose:
If you are working with 3 continuous + 2 categorical variables:
2 scatter plots
1 stacked bar plot
2 box plots

Calculate the r-squared for your 2 scatter plots;
For 1 of the 2 scatter plots, choose an alternative trend that seems to fit the data better, if possible. If the linear trend is the best fit, then choose any other trend of your choice.

If you are working with 2 continuous + 3 categorical variables:
1 scatter plot
1 stacked bar plot
1 cross-tab
2 box plots

Calculate the r-squared for your scatter plot;
Choose an alternative trend that seems to fit the data better, if possible. If the linear trend is the best fit, then choose any other trend of your choice.

2. Provide a 2-sentence comment on each of the graphs you produced in this assignment

How to turn in this assignment:
IN xlsx FORMAT. E-mail me (li.xie@nemours.org) back the Excel Workbook, name it like this:
LastnameFirstinitial_session5hw_mmddyyyy

For example, my name is Li Xie, so I would name my file "xiel_session5hw_02222013"
Thank you and see you all on Wednesday!

For any questions regarding either the concepts or the programming, please contact me via e-mail first, then we could set up a time to meet. I am here to help.