Homework Assignment 1

1. Use the **Homework1.csv** to dataset form a graph with a best-fit formula.
2. Perform and answer the following questions:
   a. Create a graph and include a trendline
   b. Include the formula in the graph
   c. Perform Regression Analysis and demonstrate it
   d. Is this data meaningful (R2)? Explain.
   e. Is there a good correlation (Multiple R)?
   f. What is the standard error and what does it mean?
   g. What was the total number of observations and what does that mean?
   h. Using the formula, choose another x value different from those given but close to the other x vales and plug it into the formula to get a y value (percent inhibition) for it
   i. Give the t-stat value and state if it is acceptable
   j. State the p-value and whether it is within the 95% confidence interval
3. Submit your excel files but turn in your handwritten answers on a separate sheet.