

Chapter 6 Project Check-Off List

Due Tuesday 2/25

- Minimum 10 collected data point with resource listed

Due Thursday 2/27

- Scatterplot with appropriately labeled axes (including a scale that spreads out data points nicely)
 - Maybe 2 copies of your scatterplot. 1 with labels on data points the other with the Residuals, etc...
- Line of best fit drawn with a ruler
- Equation for the line of best fit
- A few sentences with your interpretation of the slope and y-intercept in context

Due Friday 2/28

- Find residuals for each of your data points (must show all work neatly on a sheet of paper)
- Find upper and lower bounds using DIFFERENT colors on your scatterplot

In class Tuesday 2/25 and continued Thursday 2/27

- Create an excel table and graph of data with graph properly labeled
- Find regression line (print out copy of the excel table, graph, and regression line with Equation)
- Find correlation coefficient (website)
- Write about How does your hand drawn line of best fit compare with the graph you created in excel?
- Save document by end of class in "K drive" under "Level 13 Project"
 - Save as "Last Name_First Name"

In class Friday 2/28

- Write a draft summary mentioning all of the following:
 - The association, form, strength and any visible outliers. If you determine there are outliers, you must state why it is an outlier and should not be considered in the data analysis. Mention your correlation coefficient.
 - Interpretation of the slope and y intercept of your Line of Best Fit.
 - Discuss your upper and lower bounds. What information related to your data does this tell us?
 - What can you conclude from your data and graphs?

Use complete sentences and as much vocabulary as you can that we have learned throughout the year.

Due Monday 3/03

- Completed project organized neatly and ready to turn in 😊