

USING “Google Sheets” to make scatter plots, determine correlation coefficient (squared) and equation of the line of regression:

1. You must log in to a Google account
2. Go to <http://msbro.weebly.com>, select 4CST Term 2
3. Click the link to Data for Disciplinary Task, **MAKE A COPY** of this sheet

Making the Graphs/ Determining the Correlation Coefficient and Line of Regression

1. Select the data in the column for the **x-value**. Select ONLY the data, and not the headers at the top or any blank cells at the bottom.


2. In the **Insert** menu select **Chart...**

3. In the Chart types tab, make sure all the checkboxes are unchecked at the top.

Now choose the picture of the **Scatter chart** near the bottom.

4. At the top of chart types, you should see a box with something like



. Click the grid on the right (). Now click “Add another range”. Select your data for the **y-value** and click OK.

5. Click the Customization tab. Enter a title for the chart. Below “Axis horizontal”, where it says title, enter the title of your x-axis.

6. Click the “Axis horizontal” pulldown, and change it to “Left vertical” Enter the title of your y-axis where it says title.

7. Near the bottom of the Customization tab, change the Trendline pulldown box to “Linear”.

8. Near the bottom of the Customization tab, click the Show R^2 box so it is checked.
9. Click Insert (at the bottom).
10. You can click on the arrow at the top right of the chart you created and select “Copy chart”. You should now be able to paste it into a word processing document.