

Name: _____

For this activity, you are to record data about your level of happiness during the day. With a partner, you must record data for the two of you and for at least four other people (so a minimum of 6 people polled). All data must be stored electronically. So collaborate with you partner and make one Google Spreadsheet (save it as **Data4YourLastNames**) to record the data. Upload the sheet to my website and then share the spreadsheet with me.

Data Write-up: (answer the following questions based on your experiences)

1. **COLLECTING DATA:** How did you and your partner collect the data from the other people?
2. **CLEANING DATA:** How did you and your partner organize and format the data properly?
3. **ITERATIVE PROCESS:** Did you have to reformat or clean the data again after collecting data from the other people?
4. **FORMATTING DATA:** What does the data recorded look like in your spreadsheet?
5. **FORMATTING DATA:** How did you denote or classify level of happiness? Numbers? Percentages? Letter Grades?
6. **ANALYZING DATA:** Can you perform calculations on the data you stored? You should consider reformatting again, so that you can calculate average, max, min, and conditional formatting.
7. **VISUALIZING DATA:** Can you make a pie chart or graph with your data?

Analyze you data write-up:

(Now using the Google Sheet, answer the following questions)

1. What day are people most happy?
2. What time are people most happy?
3. What room/location are people most happy in?
4. What is the most optimum day, time and place that people are most happy?
5. Is this activity considered data for discovery or data for prediction? Explain.