



Students will use this Excel file to enter their data. [SAVE this file to your computer](#). Remember to enter values by pasting the sample value(s) into the appropriate cell. See the Instructions on each tab. If you have questions while using the file, please email [Mrs. Smith](#).

Note: This calculator is similar to the one used in the video.

- Tabs (worksheets) in the file:**
- Overview** (this tab)
 - Dataset for Week 3** (for the data set used in the video)
 - Descriptive Statistics** (for the calculations)
 - Graph Generator Sheet** (for the graph)

The term "Grading Rubric" is used to describe the criteria used to evaluate the student's work.

Category
Sample Data
Descriptive Statistics Data
Descriptive Statistics Questions
Graph Creation
Graph Questions
Communication Skills
TOTAL

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Week 3: Apply Your Skills Calculator Instructions

Excel Calculator file to complete the Week 3: Apply Your Skills assignment.

computer and save again as you work in it. When completed, this final saved file will be submitted for this assignment.

only in the green cells or provided question blocks. Avoid touching the yellow cells to preserve their formulas. To see the "yellow cell" warning icon, click the yellow cell icon in the top right corner of the worksheet.

Each tab. Select your sample data on the Dataset for Week 3 tab FIRST. Then complete the steps on the other two tabs.

Do not use this Excel calculator, please reach out to your professor for guidance.

return to the Week 1 Excel Calculator, and its help videos are on the **Week 1: Resources** page.

Assignment Instructions

Complete the Week 3: Apply Your Skills assignment; select your 30-value sample data to be used in the other tabs - demonstration videos provided.

Mean, median, etc.; statistics are obtained by pasting the sample data in the green cells on the left): Answer the Questions

(after pasting your sample data, select **one** graph to label correctly to use in the assignment): Answer the Questions

"Criteria" refers to a table of criteria that will be used to grade your assignment submission. See the **Week 3: Apply Your Skills Grading**

Description (Week 3: Apply Your Skills)

The student correctly obtained a random sample of 30 values using the sampling method demonstrated by video on the *Dataset for Week 3* worksheet sample to the *Descriptive Statistics* worksheet sample. The student used another scientific sampling method shared by and approved by their instructor, and used this sample for the *Descriptive Statistics* worksheet sample as instructed.

The student correctly copied the Visitors data values from the *Dataset for Week 3* worksheet sample to the *Descriptive Statistics* worksheet sample. The student entered the date and their name.

The student correctly answered the six (6) descriptive statistics questions based on the statistics from their sample.

The student copied both columns of data from their sample and pasted the sample data into the *Graph Generator Sheet* worksheet sample. The student selected the appropriate graph for this dataset and edited the graph to have relevant titles, labels, legends, and/or keys. The student entered a title for the graph above the chart they chose (or created) to use for this part of the assignment.

The student answered the three (3) graph-related questions, providing a convincing explanation about what their graph represented.

Writing, grammar, clarity, logic, cohesiveness, and adherence to the format described in the instructions.

