

Task #1 – Project

You will need to download the survey data “M200Sp14Survey.xlsx” from **my website** (http://www.profbutterworth.com/canada/can_Stat.html) and complete the following tasks. You will need to complete these tasks by **Friday, April 18** and hand in printouts of all frequency tables & all charts to me in class (titles are mandatory on each frequency table and each chart). Every day of class that the assignment is late, I will deduct 10% from the score you receive.

- Frequency tables are to all be together with a cover page titled “Appendix B”. Each page needs to have your name & a page number in the footer (starting at page 1).
- Charts are to all be together with a cover page titled “Appendix C”. Each page needs to have your name & a page number in the footer (these pages start over at 1 again).

These tasks are like your very first homework assignment in Excel. You will be summarizing the data visually and in terms of proportions.

- #1 Count the number of males & females. Summarize & give proportions (percentages) in the table provided in the sheet titled “Gender”. This creates a frequency table.
- #2 Create a pie chart for gender. Make the slices have the gender & percentages on them. Remove the legend. Title the pie chart appropriately.
- #3 Count the number in each age bracket. Summarize & give proportions (percentages) in the table provided in the sheet titled “Age”. This creates a frequency table.
- #4 Create a pie chart for age. Make the slices have the age & percentages on them. Remove the legend. Title the pie chart appropriately.
- #5 Count the number in each education level. Summarize & give proportions (percentages) in the table provided in the sheet titled “EdLevel”. This creates a frequency table.
- #6 Create a pie chart for EdLevel. Make the slices have the EdLevel & percentages on them. Remove the legend. Title the pie chart appropriately.
- #7 Count the number in each political affiliation. Summarize & give proportions (percentages) in the table provided in the sheet titled “Political”. This creates a frequency table.
- #8 Create a pie chart for political. Make the slices have the political affiliation & percentages on them. Remove the legend. Title the pie chart appropriately.
- #9 Count the number that have tattoos. Summarize & give proportions (percentages) in the table provided in the sheet titled “Tattoo”. This creates a frequency table.
- #10 Create a pie chart for number of people with Tattoos. Make the slices have the tattoo/no tattoo & percentages on them. Remove the legend. Title the pie chart appropriately.
- #11 Count the number that will never get tattoos and those that might based on those that don’t already have a tattoo. Summarize & give proportions (percentages) in the table provided in the sheet titled “NoTatGetTat”. In addition, put in the count from “Tattoo” sheet that have a tattoo. This creates a frequency table.
- #12 Create a pie chart for the frequency table that you created in #11. Make the slices have the appropriate labels & percentages on them. Remove the legend. Title the pie chart appropriately.
- #13 I have already summarized the “feelings toward the tattoo” when seen in public and in professional settings. You need to give the proportions (percentages) in the table provided in the sheet titled “PublicvsProfOp”. This complete two frequency tables.
- #14 Use the information in the counts for each frequency table in #13 to create the 2-way table also in this sheet.
- #15 Create a side-by-side column chart to compare Public & Professional opinions. Leave the legend and title it appropriately. (This can very easily be done with the 2-way table.) Make the bars have the counts above them. Title the column chart appropriately.