

Advanced Reporting 1
Second data assignment-Revised
Due Oct. 25, start of class

Download the OttawaHealthComplete-1 workbook from the resources page at dataprof.ca
The link is labelled Ottawa health data.

Rename the sheet, adding your name. e.g. OttawaHealthComplete_JohnSmith.xlsx

Use Excel to determine the following. Pivot tables will automatically go into new sheets. Please rename the sheets so I will know which one is which. You'll have to manually paste the data for question 2 into a new sheet. By worksheet I mean the tabs at the bottom of a workbook, not a whole new Excel file.

The questions.

1. How many times did each premise pass and fail inspections. Use a pivot table to rank all premises. Use the Combined field for the row header. Use the score field for the column header. Sort on the fail column. (Inspections are in the OttawaHealthOverall.csv tab of the workbook).
2. Filter the violations sheet to show one of the top five premises for failures that you identified in question 1. Copy and paste the filtered result into a new worksheet. Name the worksheet tab with the name of the premise you chose.
3. Create a new pivot table to work out the number of passes and failures per year. Note any trends you see.
4. Create a new pivot table to show a count of the number of times each violation has been cited each year. Use the Description field for the violations. Sort the grand total of the count in descending order.

In 600 to 800 words, describe two stories you might tell out of the data and your analysis. IF you are going to talk about a particular premise (business), find out with some online research what kind of facility it is. Explain as well what limitations there are in the data. For example, what impact do you think the "not specified" entries in the violations table would have on the ability to analyze this data accurately. What other research would you need to do to complete your stories.

You can find the Ontario food premises regulations at <https://www.ontario.ca/laws/regulation/900562>. Some of the violations in the Description field use section numbers from this regulation.

Hand in your notes on paper and email your completed Excel workbook to kjour3004@gmail.com with the subject line FoodSheet_YourName.