Lab 4 Reflection

Professor comments:

Personally, I would consider Northern New England a subset of the Northeast, so you don’t need both in the regions. :) What about West Texas and New Mexico? Those are both states and a region…

Wonderful job chaining the anti\_join()s together!!!

I would also recommend renaming the columns of the dataframe to **describe** what type / size of avocado each PLU represents.

You only need **one** call the the filter() function! Technically, year is a numerical variable, so you do not need quotations to filter it. What happens if you remove them?

You need to summarize the total number of small avocados sold for each region **before** you slice!

The months need to have summaries calculated for how many avocados they sold before slicing!

If you flipped your axes, this seems like a great place for some annotations instead of a legend! Alternatively, you could play with the location of your legend!

I’d prefer to see your table! These handwritten numbers aren’t resistant to changes in the dataset, but your table is!

Careful! Look at your ggplot code. Is it tidy and easy to read?

If you’d renamed the PLU variables at the beginning, you would have them here in your plot! :)

My Reflection:

For Question 1, I removed Northern New England as it will overlap with Northeast. I also added West Texas and New Mexico to the regions dataset. At first I didn’t think that renaming columns would be that important, but it made it much more difficult to refer back to them in the future code. For Question 3, I forgot to change it to one filter step. I am very used to writing it all out, as it makes it easier for myself to understand what I am doing. I added a summarize step to both Question 3 and 4 to take the mean before slicing out the max observation from each. For Question 6, I added annotations and removed my legend. I also kept the data table and removed the hard-written differences. I did not think about how the table could reflect future changes, whereas hard-written would not. For Question 7, I added spacing to make the code tidy and easier to read.