## 02 Visualization

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## 1/8/2020

#### Student feedback

I enjoyed the detailed explanations for the reasons for errors in R. I also thought the practice sets were a good way to consolidate the newly learned concepts. Please I would like the notes to always be available a day before the class.

The class was way too fast for me as I don't know much about R. However, the instructor was clear. I just have to catch up to speed. Now I know that it is fast-paced, so I'll be better prepared for future classes.

it is hard to follow for beginners. Not enough time to make sense of what is going on.

Pace is good. Perhaps more time for practice.

I really liked the parts where we did "hands-on" exercises and wrote code ourselves. I wish we could have spent a little more time (as a group) going over the "correct" code, because I felt that the answer part went a little too quickly for those of us who made mistakes.

It may be nice to actually have more individual/group exercises. I usually find that this kind of material is hard to learn until I have the opportunity to apply it.

I really liked the extensive examples given. I'm very familiar with ggplot but I learned some things today (e.g., stat \_summary! I'd been the unfortunate person creating means and calculating error bars as separate variables and then plotting them). Maybe next year there could be a "challenge" section for people who are already familiar with R/ggplot?

I was surprised by how much overlap there was between the course material and the course readings posted on the website (i.e. word-for-word). Should I assume moving forward that we don't need to complete the readings *before* class, but rather that they are most helpful for reviewing anything we missed / need clarity on after a class?

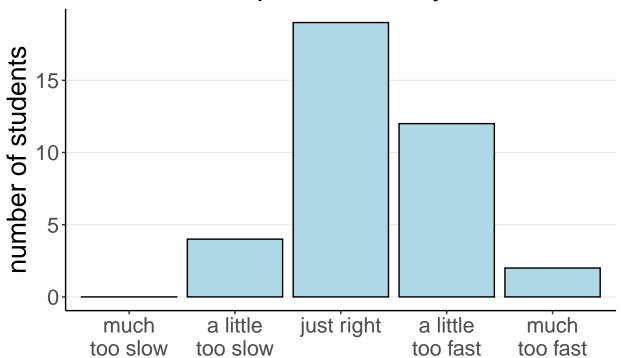
Just a heads up that I noticed today before class, two of the data camp courses listed on the course website under the first day (RStudio IDE 1, RStudio IDE 2) are archived on data camp and are no longer available.

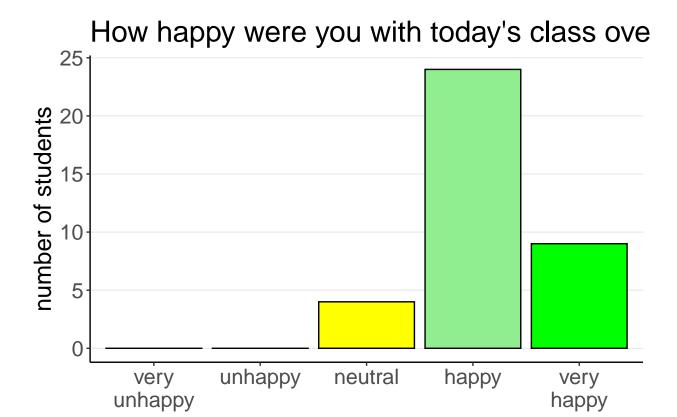
I still didn't figure out how to do an R Project properly. Am I supposed to save the file from Canvas into the R project I created? What if I create a new file? Still not quite sure how to use R Project properly.

Show	10 v entries		Sear	ch:		
	resp	onse				#
1	I liked the very clear RMarkdown file, it helped in following along. That being said, it may have been more effective, if not chaotic for you to let us work through the document in smaller groups, then ask questions of you and the TAs as we go along.					
2	can you give us the playlist					
3	Update: I really am happy to speed thru R basics bc I know them. I will want to move a little slower probably once we get to the stats.					
4	I'm a little lost, but I have zero experience with R, and I appreciate the help from TA etc.					
5	Just more time andante clarify when we are supposed to use our cards. Is it just for the 5 min periods when we work on our own or for the entire class?					
6	I enjoyed the detailed explanations for the reasons for errors in R. I also thought the practice sets were a good way to consolidate the newly learned concepts. Please I would like the notes to always be available a day before the class.					
7	I appreciated starting with the basics and not assuming prior knowledge. I'd like to know more about stat_summary (and specifically, if we do actually want to calculate the means, SDs, etc. as separate columns in our data frame, what are the functions that will allow us to do that?) Thanks!					
8	I really appreciated the notes included in the RMarkdown document we used today in class. It will be so helpful to refer back to moving forward. Also, the pace of the class was great. Time went by quickly but I could still grasp the material.					
9	The class was way too fast for me as I don't know much about R. However, the instructor was clear. I just have to catch up to speed. Now I know that it is fast-paced, so I'll be better prepared for future classes.					
10	I appreciated the way that class was structured when it came to going over examples and then having us use the examples to complete our own plots. Reminded me a lot of how datacamp is structured.					
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### PollEverywhere results

# How was the pace of today's class?





## What to do next time

- make clear that the "reading" sections on the homepage does not assume that this reading was done in preparation
- add a challenge section for students who already have some experience with ggplot
- spend a little bit more time going through the correct answer of a practice exercise
- make clear from the outset that the pace is going to be challenging for complete beginners; and send out an announcement next time to encourage beginners in particular to go through the code in advance