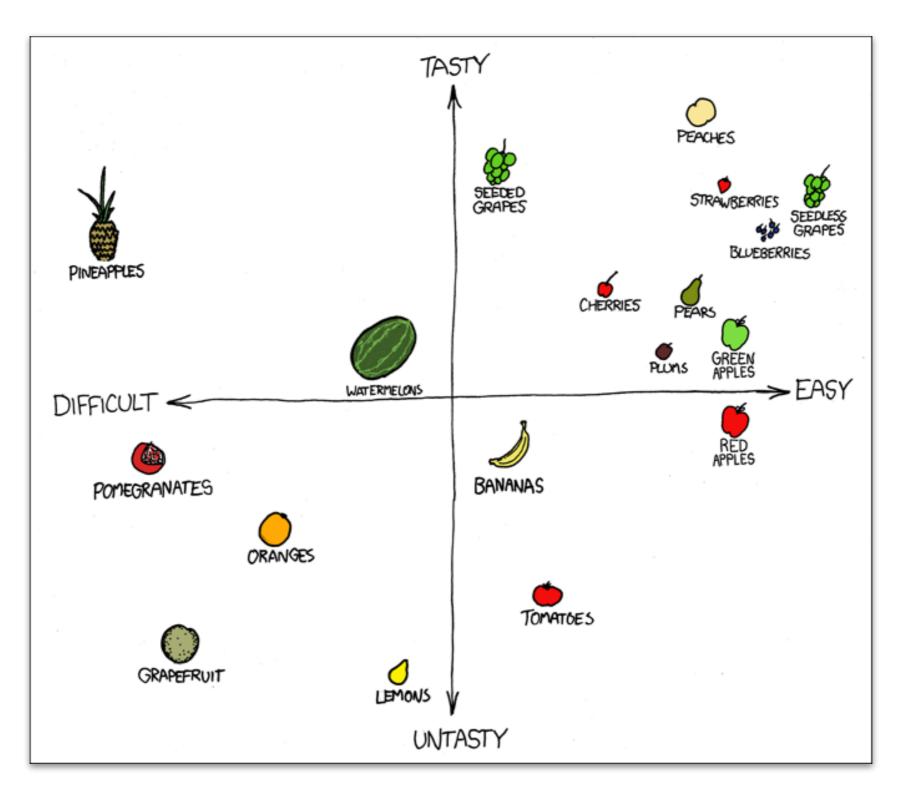
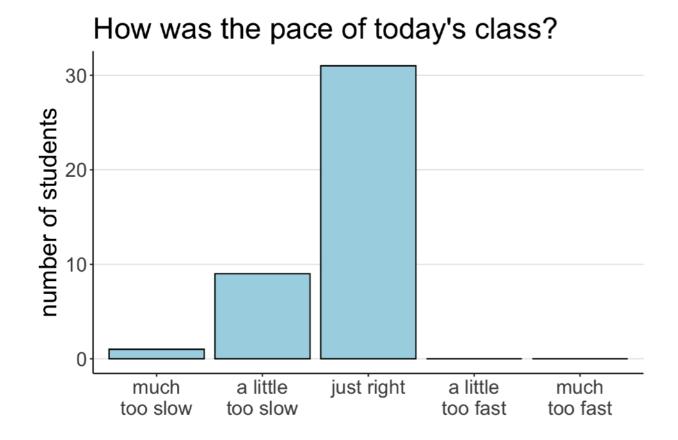
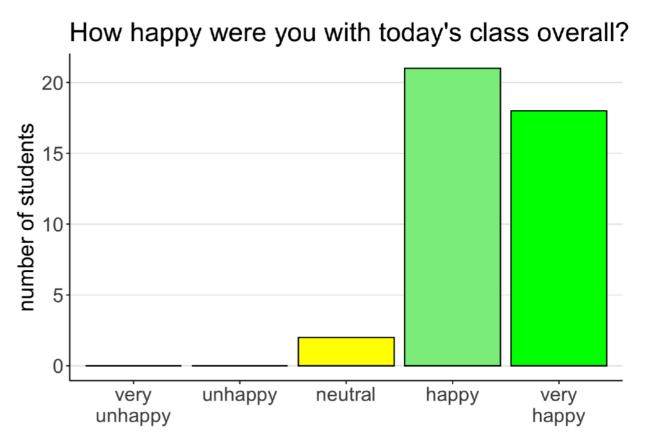
Visualization 1







I appreciated when you gave us time to discuss things in small groups and then talk about them as a full lecture. Specifically, when we were going through the plots and looking at what was wrong with each one.

I enjoyed the moments where we got to chat with the people sitting next to us. I think today's class provided a good beginning foundation for what the class will be.

I'll try to keep it up!

The professor and teaching staff are clearly enthusiastic (and enthusiasm is contagious - I'm excited too!). **However, attending 2 sections per week seems like a lot**. How much are the Thursday sections (application sections) recommended? Could those be discussed a little more during the next class?

I'll provide a quick outlook of what's going to be covered on Wednesdays sections are strongly recommended

I liked the syllabus. I'm really looking forward to learning all these interesting tools to use them in my research. I get distracted when people eat in class and I'd appreciate it if the rule "no food or drinks" could be respected.

i'd say drinking should be fine but ideally no food (unless you win a cereal bar in one of our competitions)

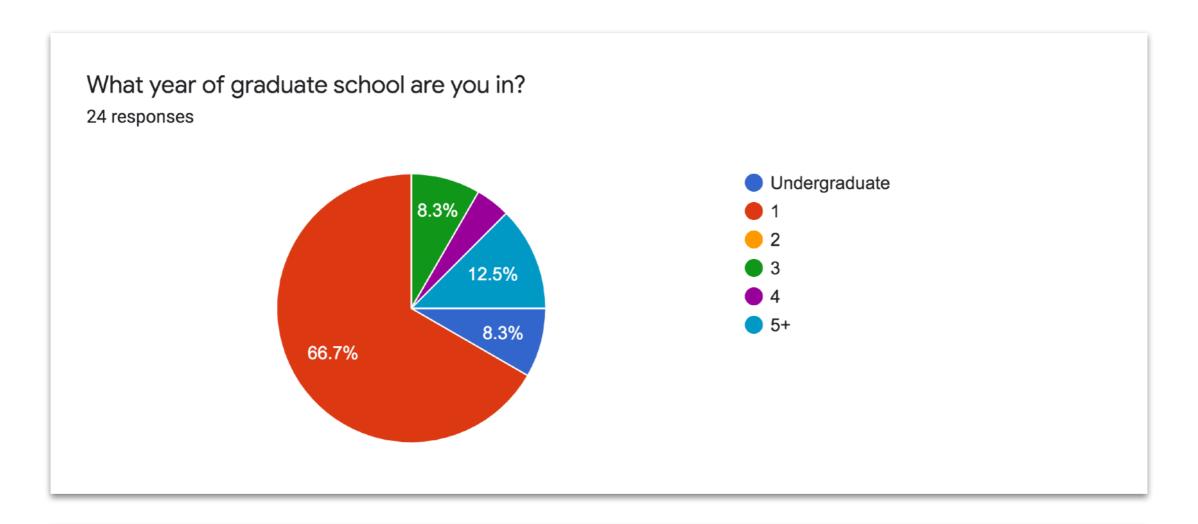
Would have appreciated more detail on the project. When are we expected to form groups?

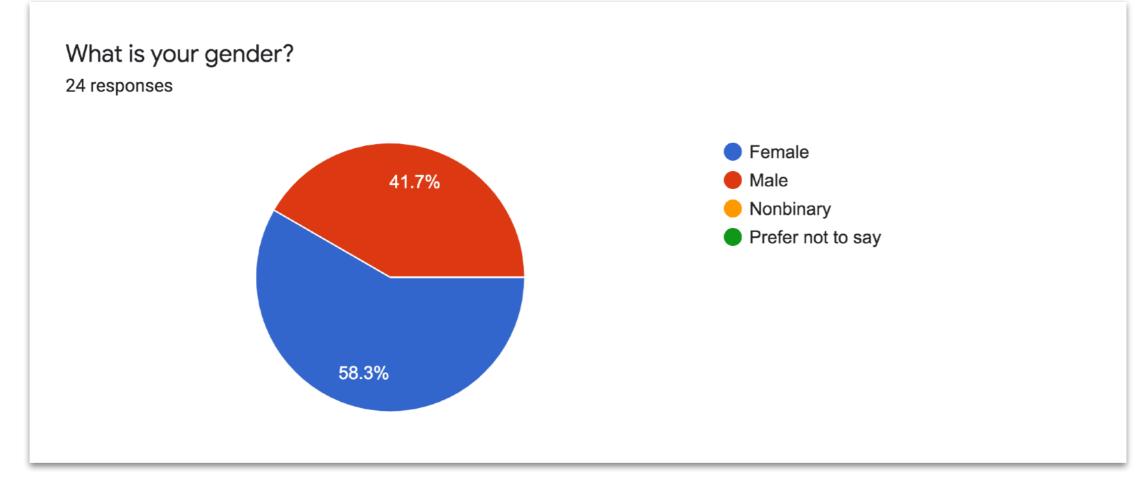
you can start forming groups as early as now Project proposal is due on February 18th

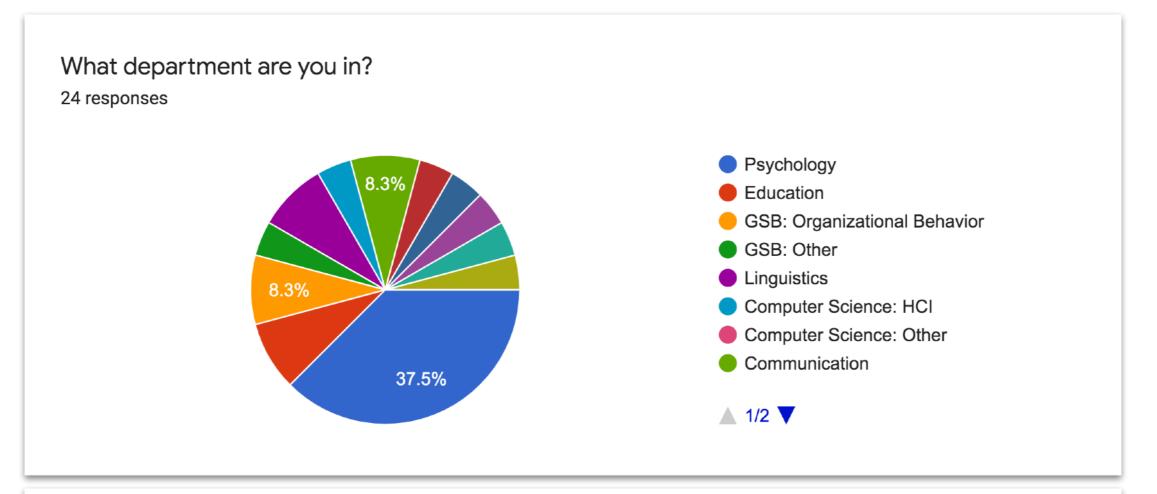
It was good. Maybe spend a few more minutes to discuss the final project

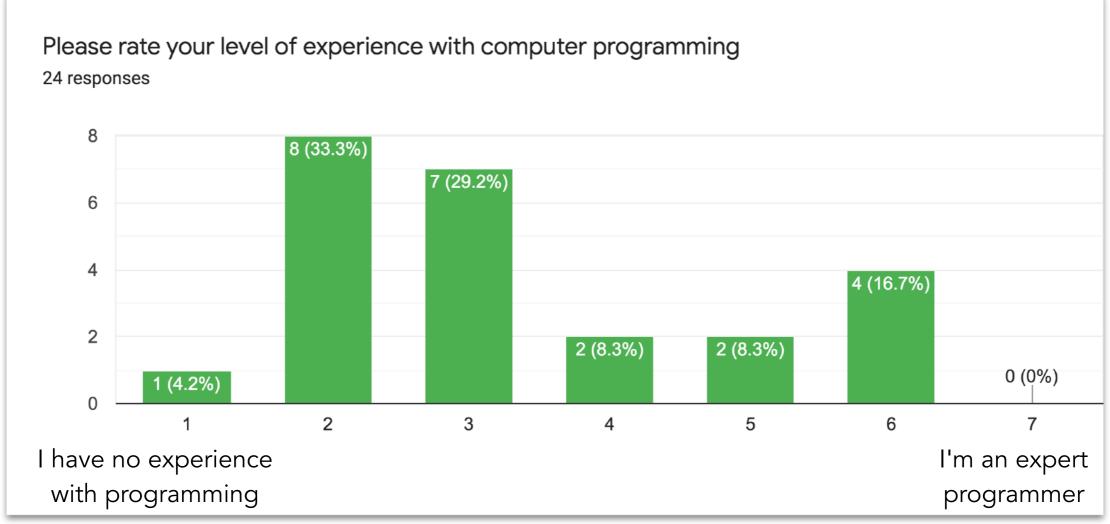
I'll talk some more about final projects on Friday

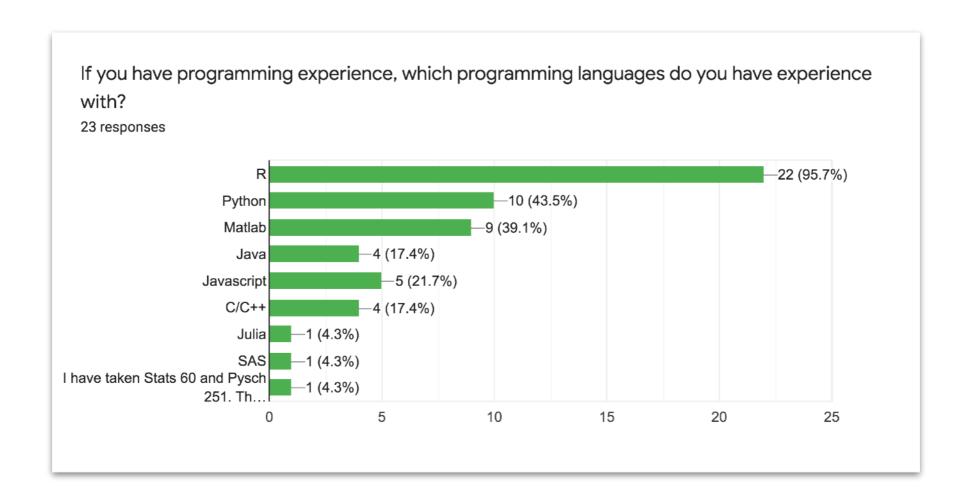
Introductory survey

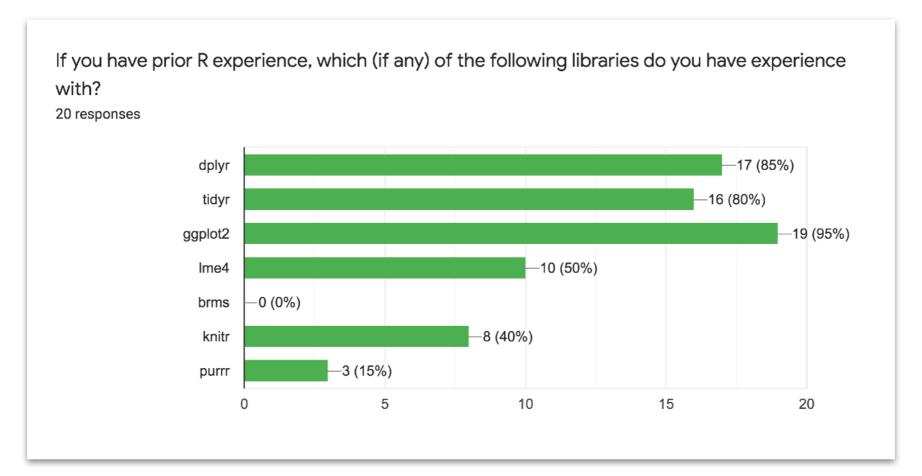








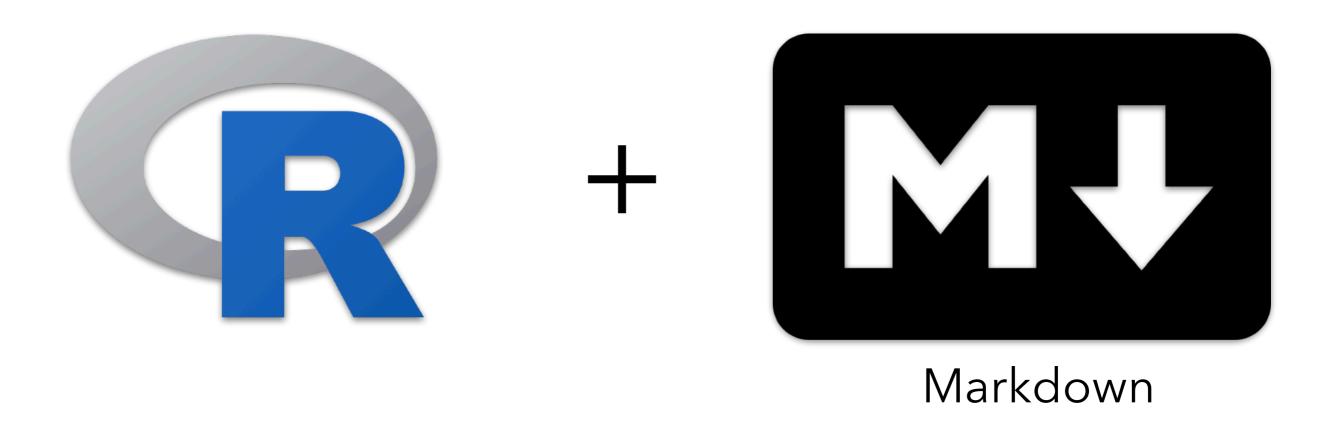




Logistics



What is RMarkdown?



What is Markdown?

```
Syntax
                                                                        Becomes
Plain text
                                                     Plain text
End a line with two spaces
                                                     End a line with two spaces to start a new paragraph.
to start a new paragraph.
                                                    italics and italics
*italics* and _italics_
                                                     bold and bold
**bold** and __bold__
                                                    superscript<sup>2</sup>
superscript^2^
                                                     strikethrough
~~strikethrough~~
                                                     link
[link](www.rstudio.com)
                                                     Header 1
# Header 1
## Header 2
                                                     Header 2
### Header 3
                                                     Header 3
#### Header 4
                                                    Header 4
##### Header 5
                                                     Header 5
##### Header 6
                                                     Header 6
endash: --
                                                     endash: -
emdash: ---
                                                     emdash: -
                                                     ellipsis: ...
ellipsis: ...
                                                    inline equation: A = \pi * r^2
inline equation: A = \pi^{2}
image: ![](path/to/smallorb.png)
```

check out the file rmarkdown-reference.pdf

What is RMarkdown?

R Markdown:: cheat sheet

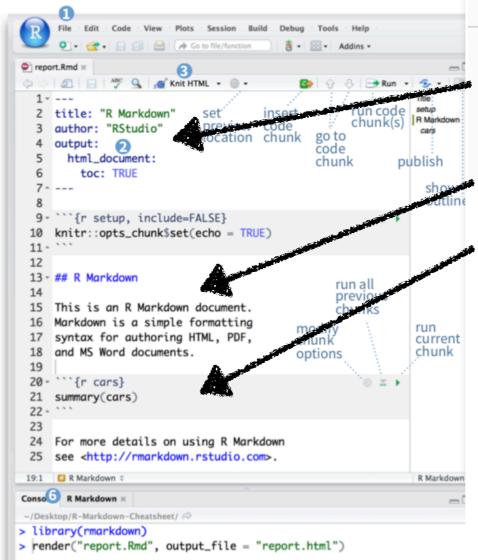
What is R Markdown?



.Rmd files • An R Markdown (.Rmd) file is a record of your research. It contains the code that a scientist needs to reproduce your work along with the narration that a reader needs to understand your work.

Reproducible Research • At the click of a button, or the type of a command, you can rerun the code in an R Markdown file to reproduce your work and export the results as a finished report.

Dynamic Documents • You can choose to export the finished report in a variety of formats, including html, pdf, MS Word, or RTF documents; html or pdf based slides, Notebooks, and more.





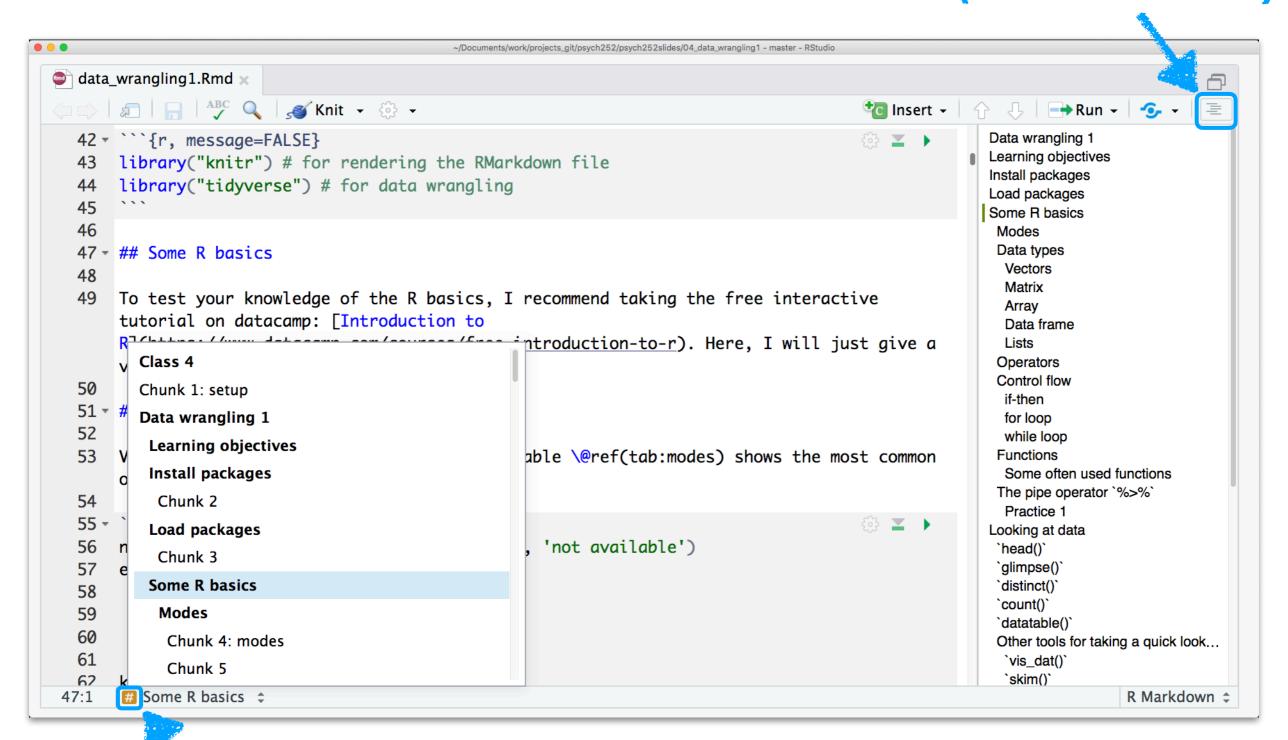
Workflow



- Open a new .Rmd file at File ➤ New File ➤ R Markdown. Use the wizard that opens to prepopulate the file with a template
- Write document by editing template

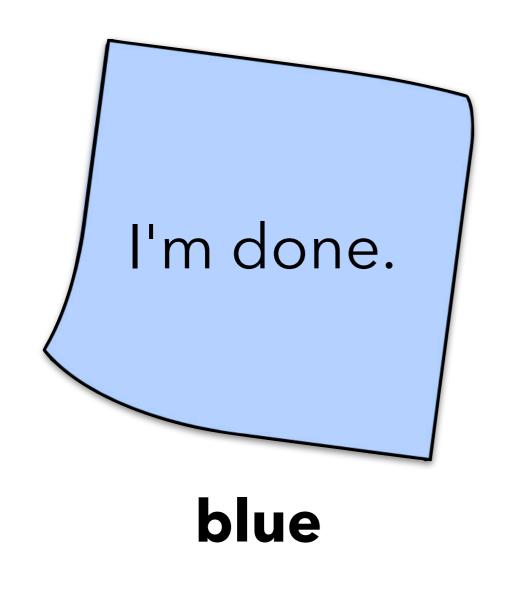
Follow me

Document outline (cmd + shift + o)



Code chunk viewer

Coding





Timers

05:00

Feedback

How was the pace of today's class?

much a little too too slow

just right a little too fast much too

fast

How happy were you with today's class overall?



What did you like about today's class? What could be improved next time?