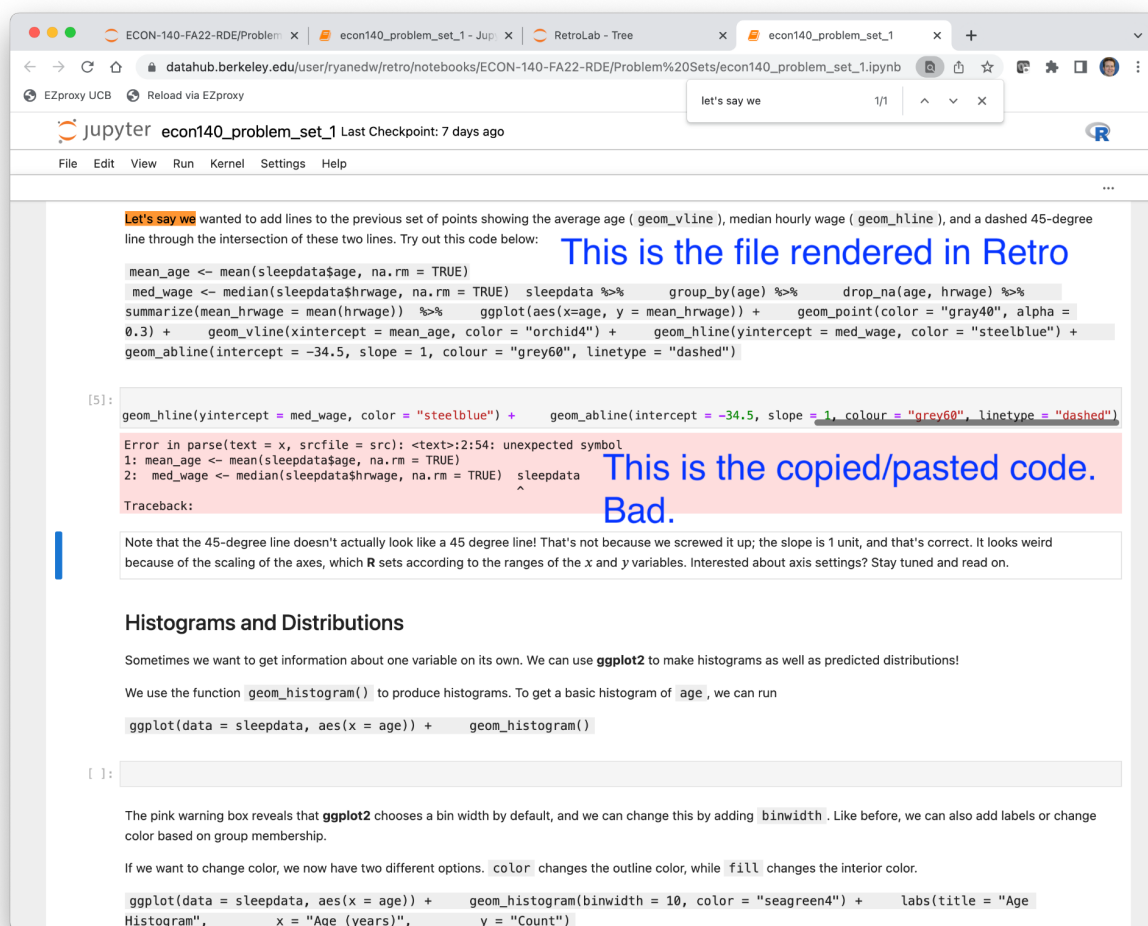


R coding Frequently Asked Questions

Q: I'm seeing error messages. What should I do?

A: If you're in a Jupyter notebook on datahub.berkeley.edu, then you might try re-running all the cells.

Q: What if I'm seeing this kind of thing?



This is an example of how the RetroLab frontend appears to have trouble with some R code, notably with the **line breaks** in the code. Note how the code has screwed-up line breaks (a.k.a.

carriage returns) in the markdown cell at top, and it also copies and pastes in this weird way. This appears to be especially problematic with R's **pipes** in tidyverse.

Here's what the same code looks like in Classic:

The screenshot shows a JupyterLab interface with a code cell containing R code. The code is as follows:

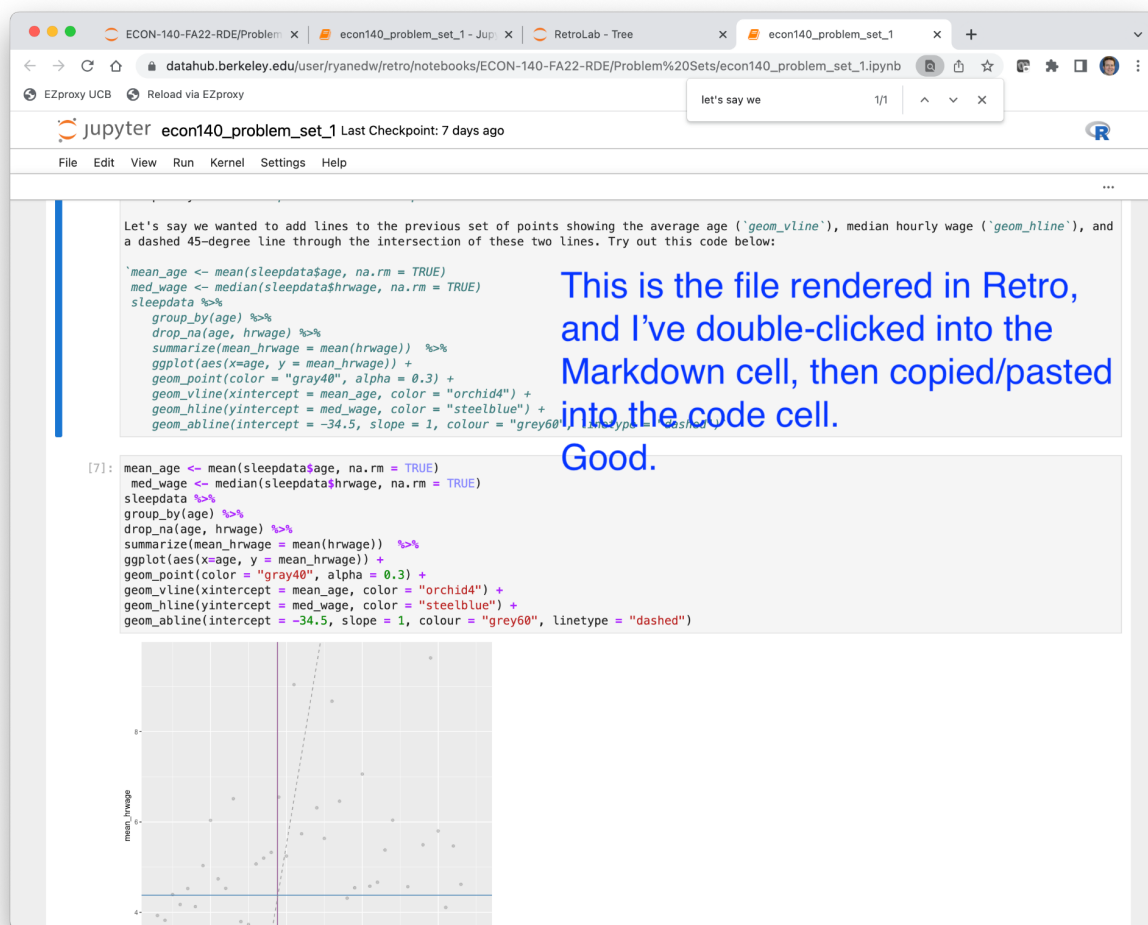
```
mean_age <- mean(sleepdata$age, na.rm = TRUE)
med_wage <- median(sleepdata$hrwage, na.rm = TRUE)
sleepdata %>%
  group_by(age) %>%
  drop_na(age, hrwage) %>%
  summarize(mean_hr_wage = mean(hr_wage)) %>%
  ggplot(aes(x=age, y = mean_hr_wage)) +
  geom_point(color = "gray40", alpha = 0.3) +
  geom_vline(xintercept = mean_age, color = "orchid4") +
  geom_hline(yintercept = med_wage, color = "steelblue") +
  geom_abline(intercept = -34.5, slope = 1, colour = "grey60", linetype = "dashed")
```

The code cell is highlighted with a blue box and labeled "This is the copied/pasted code. Good." Below the code cell is a plot showing a scatter of points with a vertical line, a horizontal line, and a dashed 45-degree line. The plot is labeled "This is the file rendered in Classic".

That's what you want your code to look like: decent line breaks.

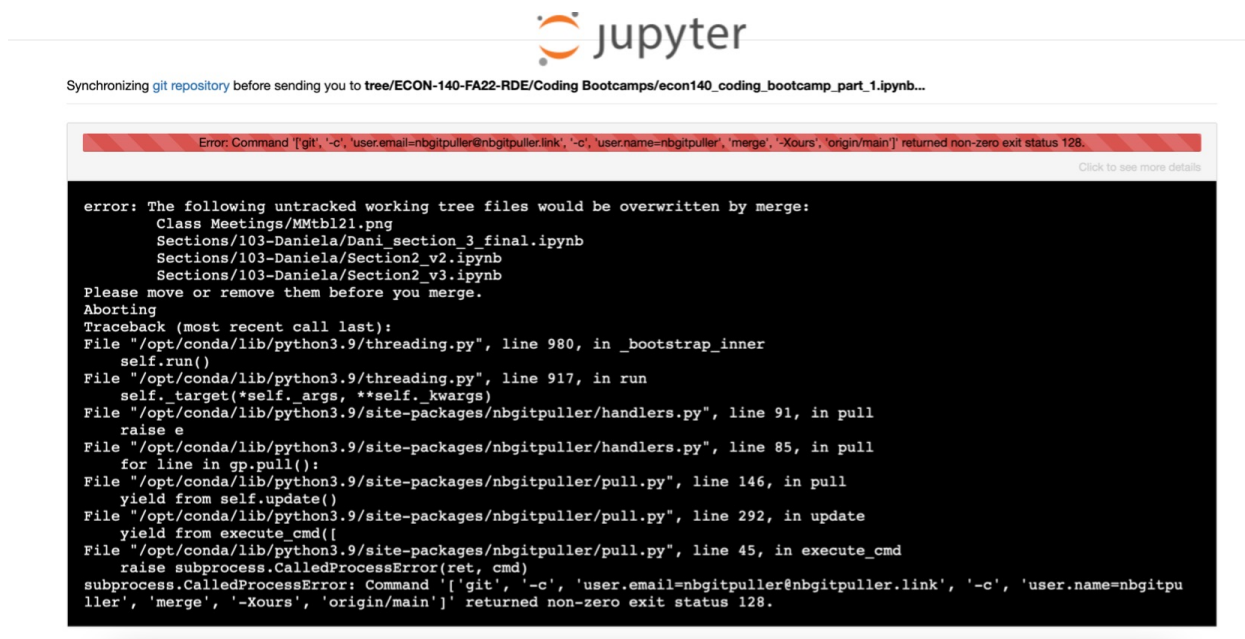
If your line breaks look screwed up, try:

1. Double-clicking on the markdown cell where the code appears. Copy and paste what you now see there into the code cell. Below is what that should look like:



Another option is that you can *fix the line breaks in the code yourself*, by editing and placing carriage returns (“enter” or “return” on your keyboard) at the end of each line.

Q: When I click on a Jupyter link in the calendar, I see bizarre error messages that look like this:



A: We believe this happens when we have updated and replaced a file, which happened early with PS1. Instead, you can navigate to datahub.berkeley.edu and once you are logged in, click on our class folder there: ECON-140-FA22-RDE and then into “Problem Sets” or the folder that you’re looking for.