



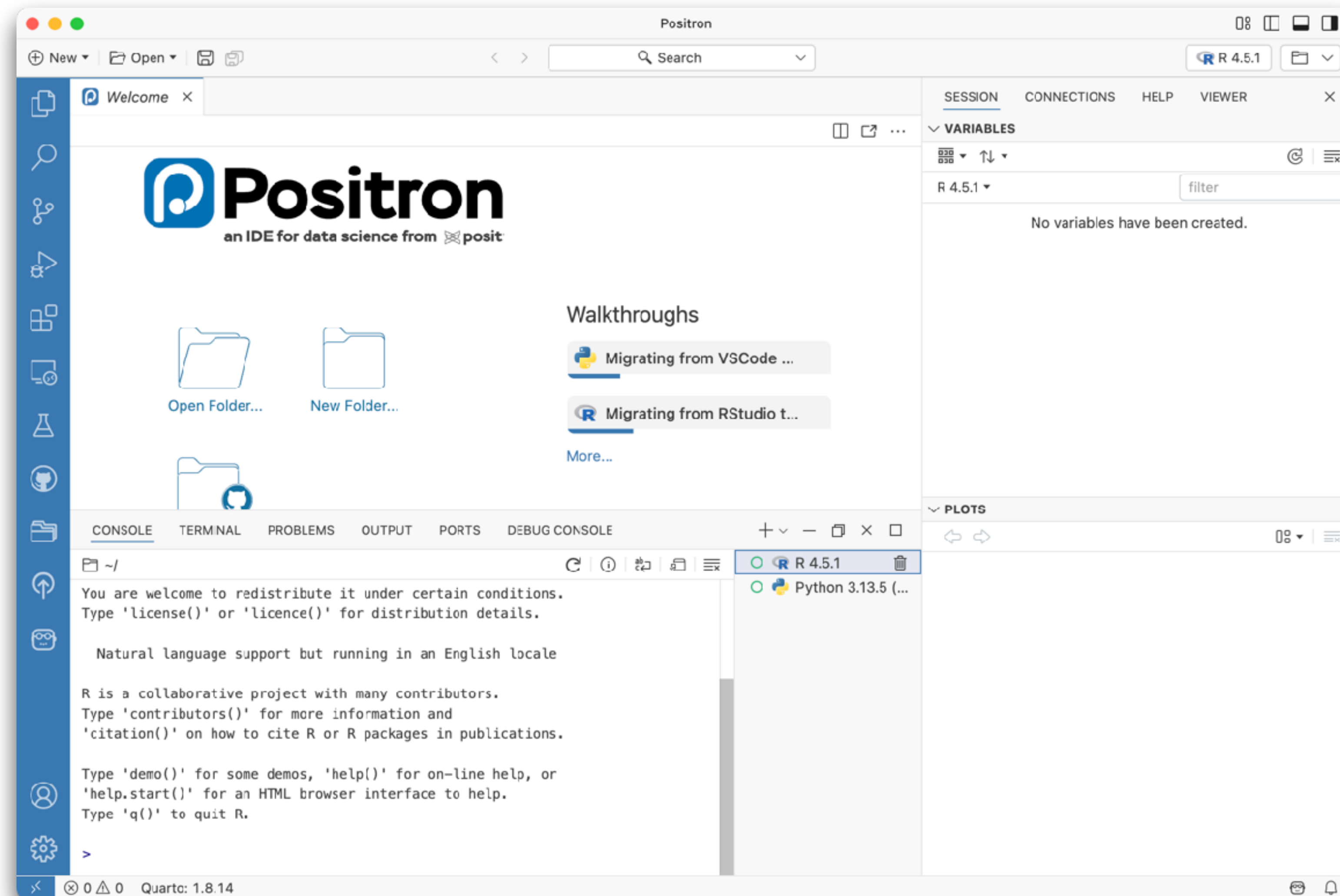
Exploring Positron

Part of the "Getting Started with Positron" workshop

Posit Software, PBC



You should be here

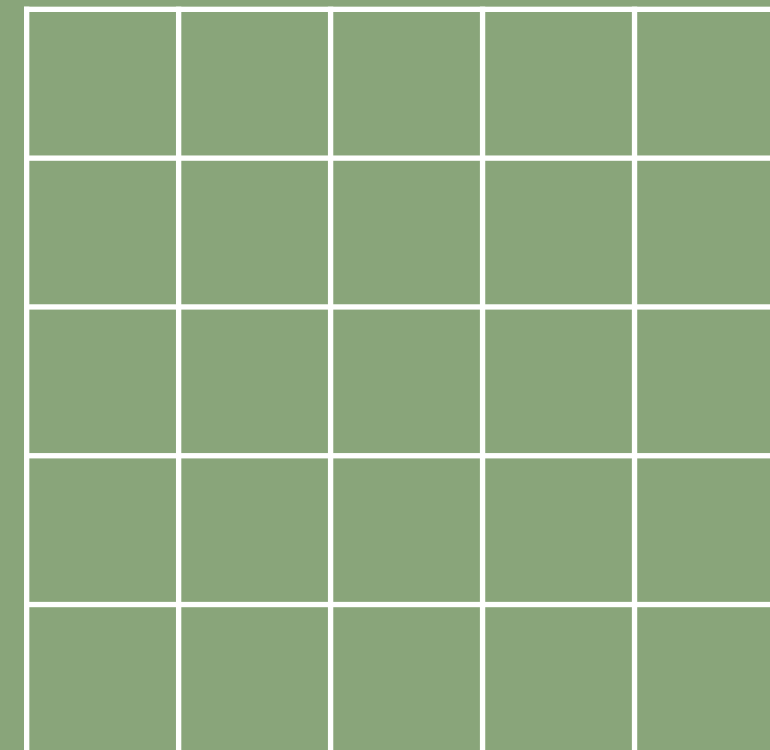
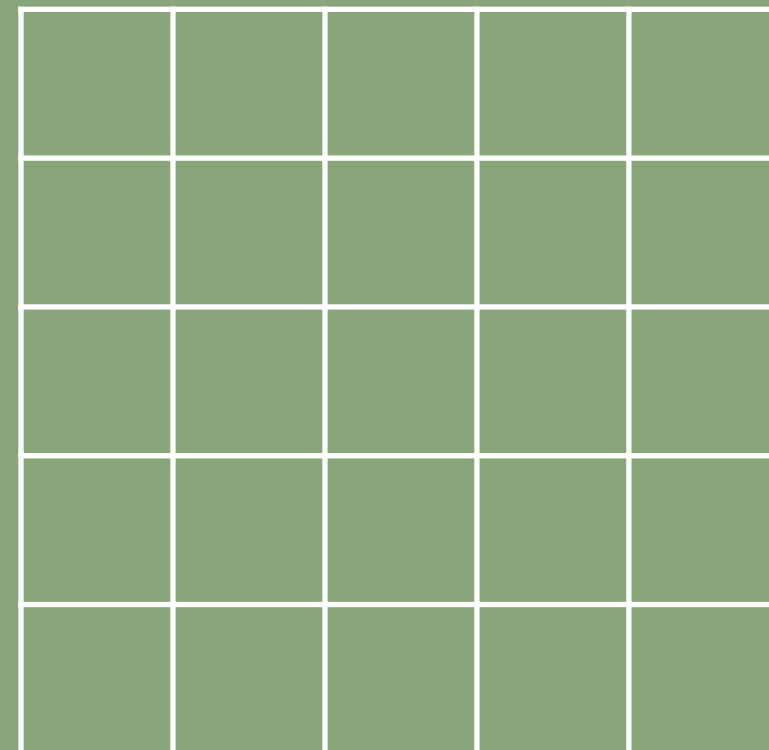
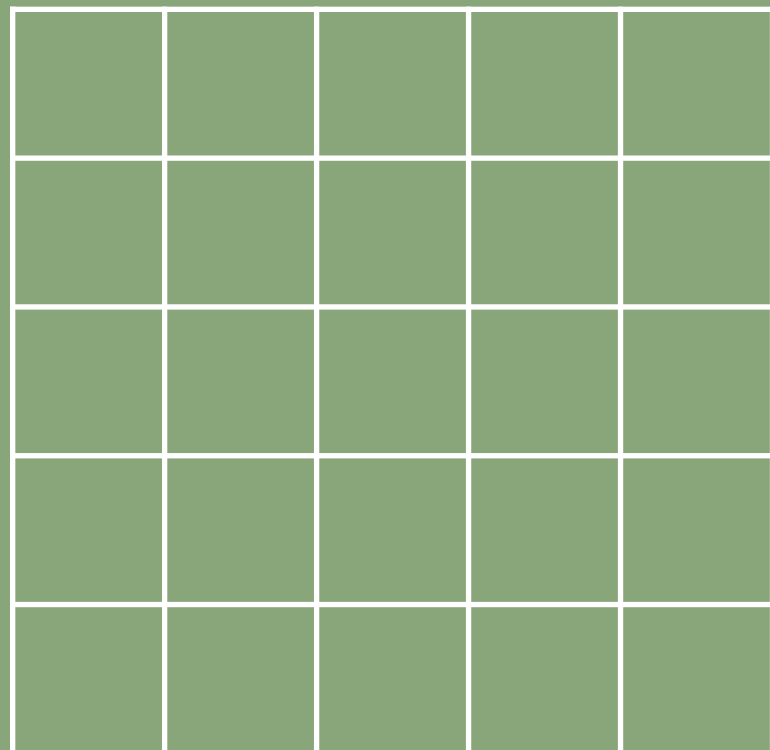


Your turn

Positron Bingo!

10_m 00_s

- Your "bingo" card has things for you to find
 - Data Explorer cells: first run `View(mtcars)` in the Console
- Complete 5 in a line and call out "BINGO!"

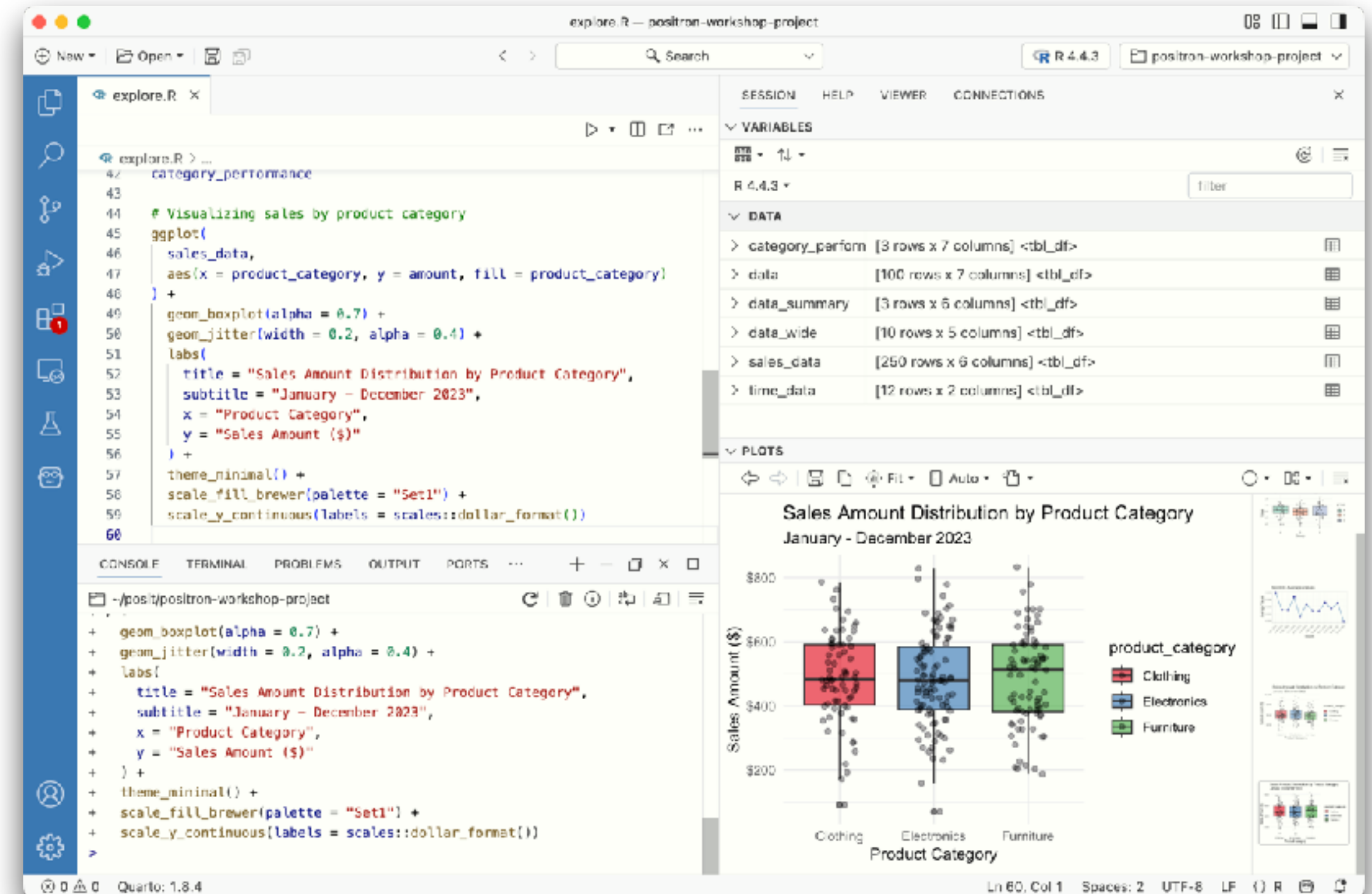
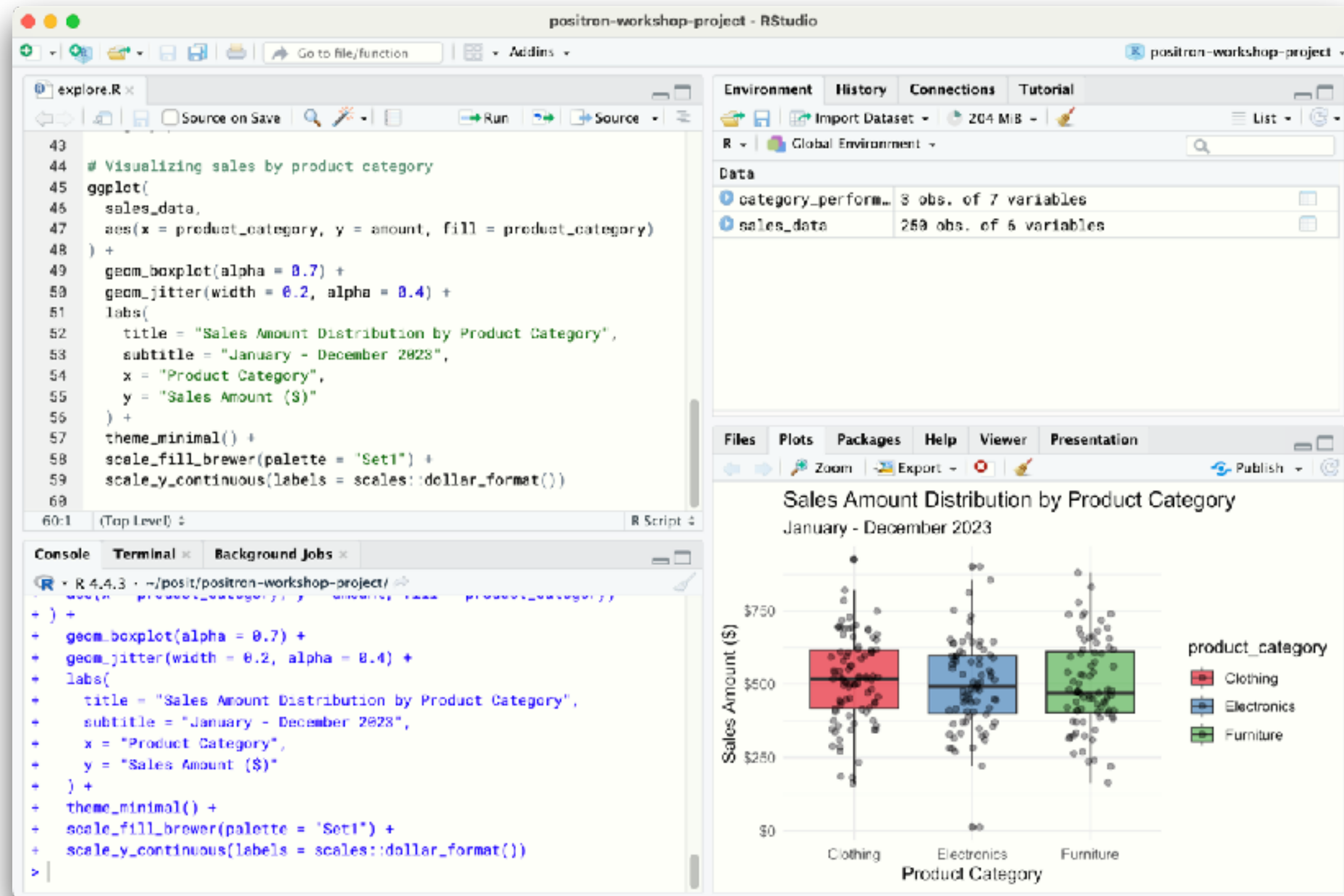


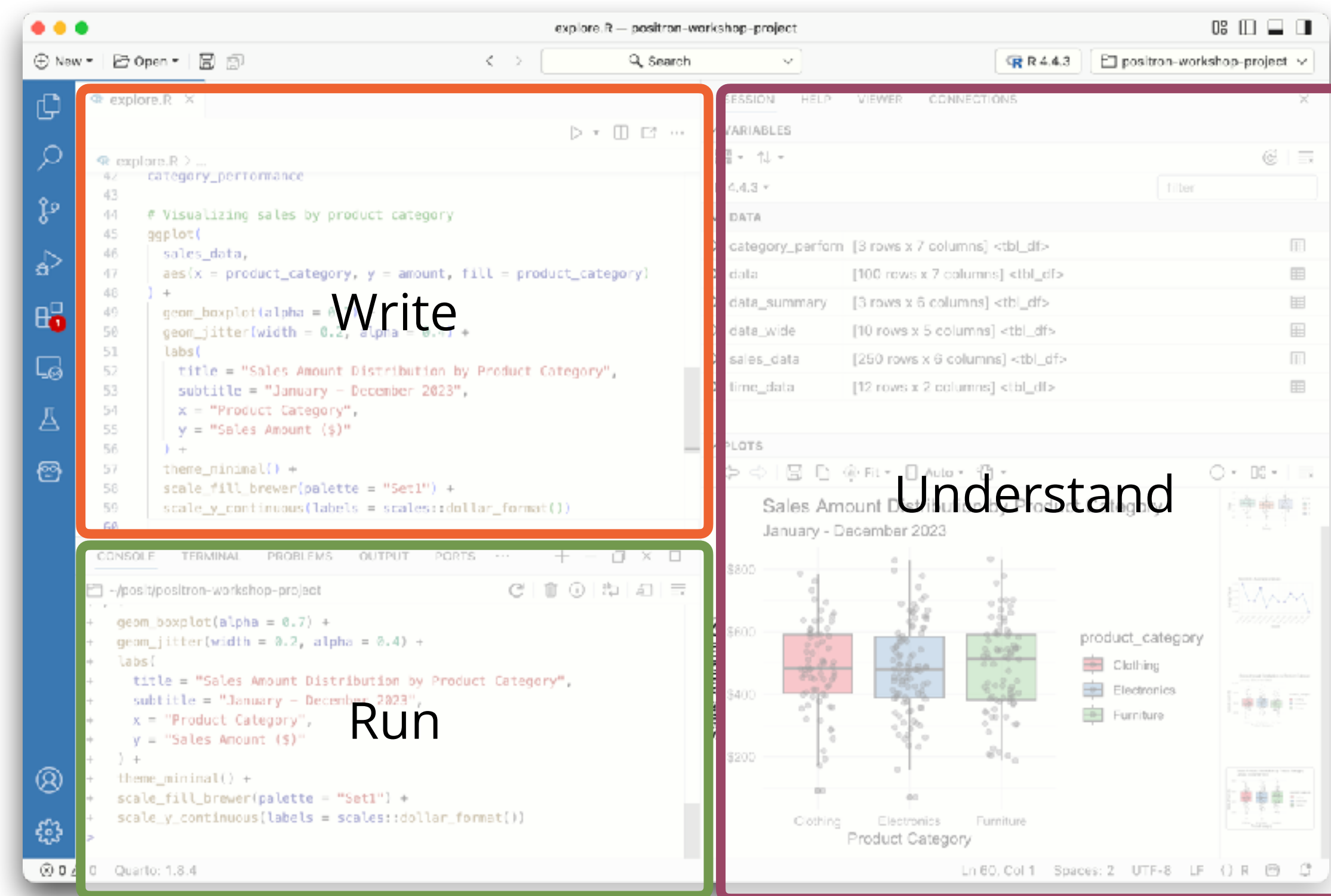
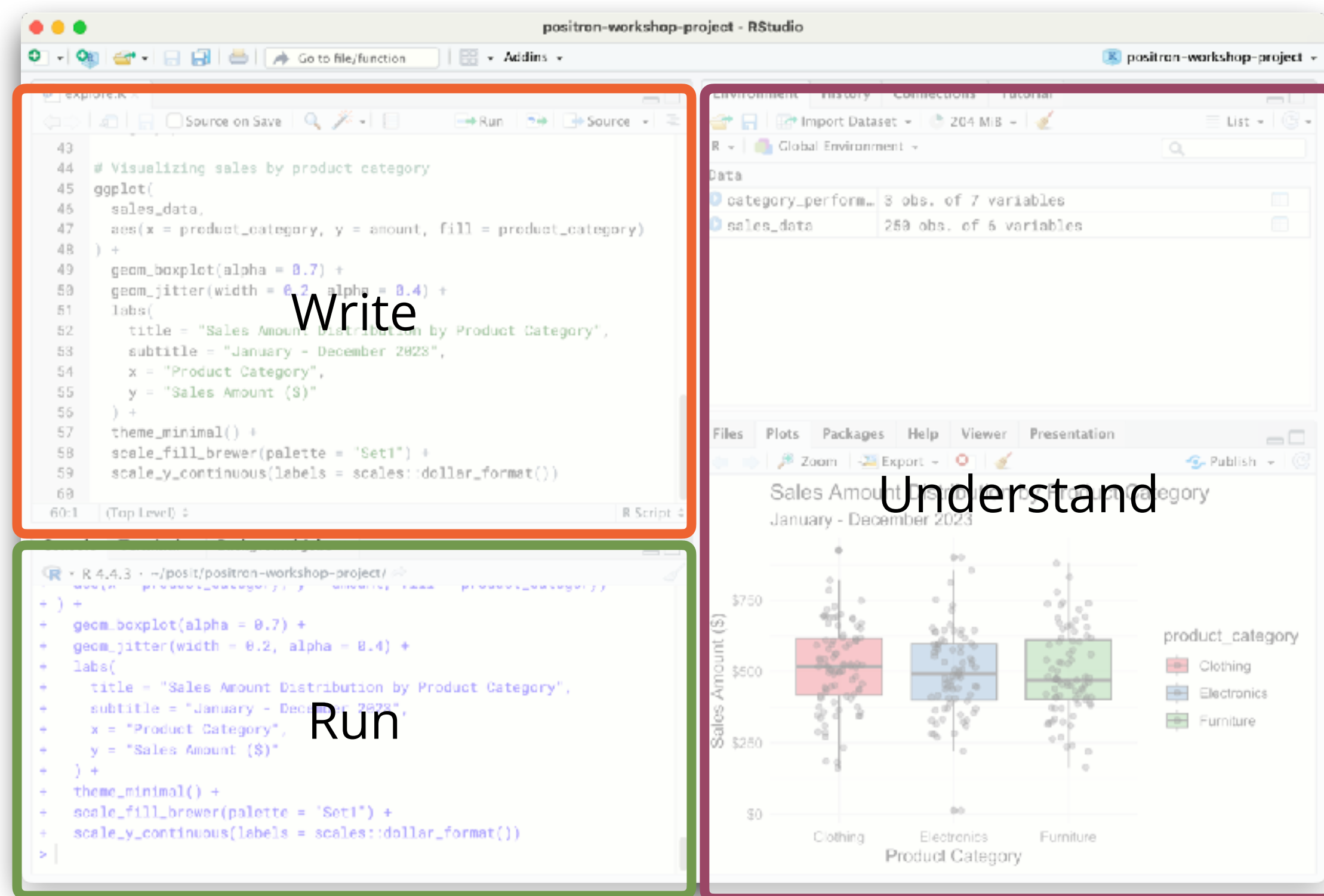
Your turn

Example Card

A way to see and edit two files side by side	The shortcut to send R code to the Console	Another way to open the Command Palette	A way to open a specific file by its name	Data Explorer: the number of cars where cyl is 4
A terminal, i.e. "a shell"	The shortcut to insert "<-"	The button that opens your console history	The button that saves a plot	A way to open a new Positron window
How to change the IDE theme	The "Find and Replace" dialog box	FREE	An RStudio pane that isn't in Positron	How to change the IDE zoom level
Where Git information and actions live	The setting that enables RStudio shortcuts	The button to restart the R Console	A way to open a new R script file	A prompt to "Open a folder"
The version of R running in the Console	The current working directory of the Console	A way to start another Console	The version of Positron you're running	The shortcut for "Help: Show help at cursor"

What's the same?





Primary side bar

Editor

Activity bar

Secondary side bar

The screenshot shows the Positron Workshop IDE interface. The top bar displays the file name 'hello.qmd' and the project name 'positron-workshop'. The left side features an 'Activity bar' with icons for Explorer, Search, Source Control, Run and Debug, Extensions, and Settings. The 'Primary side bar' (left) contains the 'EXPLORER' view showing the file tree with 'hello.qmd' selected. The 'Editor' (center) shows the code editor with a file named 'hello.qmd' open, displaying R code. The 'Secondary side bar' (right) contains the 'SESSION' view showing the 'VARIABLES' and 'DATA' sections. The 'Panel' (bottom) shows the 'CONSOLE' view with the output of the R code execution.

hello.qmd — positron-workshop

SESSION CONNECTIONS HELP VIEWER

VARIABLES

R 4.4.2 filter

DATA

> adelia_penguins	[152 rows x 8 columns]	<tbl_df>
> heavy_penguins	[61 rows x 5 columns]	<tbl_df>
> penguin_stats	[3 rows x 4 columns]	<tbl_df>
> species	"Adelie" "Chinstrap" "Gentoo"	fct(3) [3]
> avg_bill_length	38.79139072847682 48.8338...	dbl [3]
> avg_flipper_length	189.95364238410596 195.82...	dbl [3]
> count	152 68 124	int [3]

PLOTS

Flipper and bill length
Dimensions for penguins at Palmer Station LTER

Bill length (mm)

Flipper length (mm)

Penguin species

- Adelie
- Chinstrap
- Gentoo

CONSOLE

```
> adelia_penguins <- penguins >
+ filter(species == "Adelie")
+
+ penguin_stats <- penguins >
+ group_by(species) >
+ summarize(
+   avg_bill_length = mean(bill_length_mm, na.rm = TRUE),
+   avg_flipper_length = mean(flipper_length_mm, na.rm = TRUE),
+   count = n()
+ )
+
+ heavy_penguins <- penguins >
+ filter(body_mass_g > 5000) >
+ select(species, island, sex, body_mass_g, flipper_length_mm)
+
+ 
```

Panel

Use your RStudio muscle memory

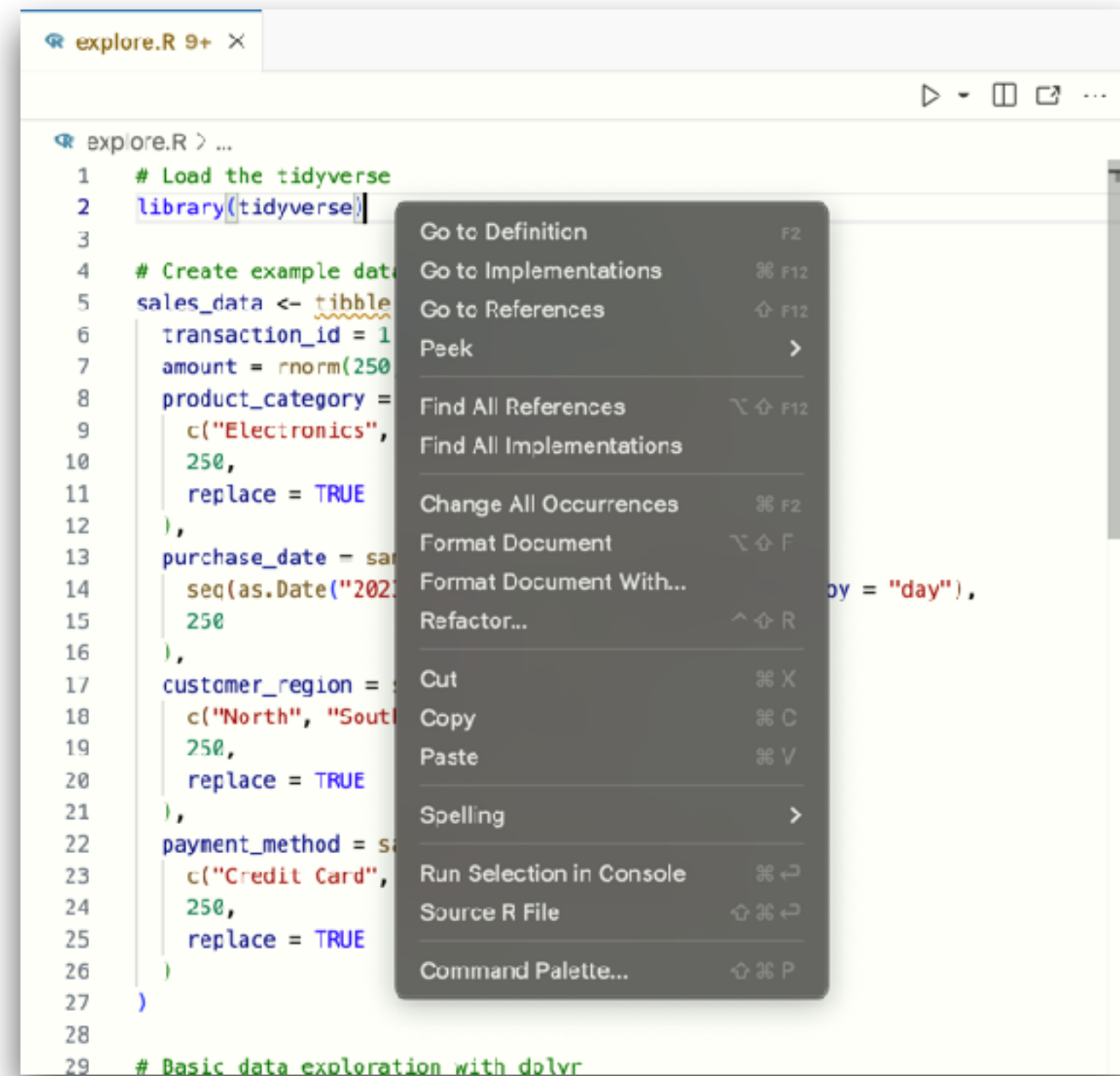
- New R File*: Cmd/Ctrl + Shift + N
- Send Code to Console: Cmd/Ctrl + Enter
- Get Help at Cursor: F1
- Find: Cmd/Ctrl + F
- Find in Files: Cmd/Ctrl + Shift + F
- Restart R: Cmd/Ctrl + Shift + 0
- Navigate Console History: Cmd/Ctrl + ↑
- Completion: Tab

*Enable Setting: [RStudio Keybindings](#)

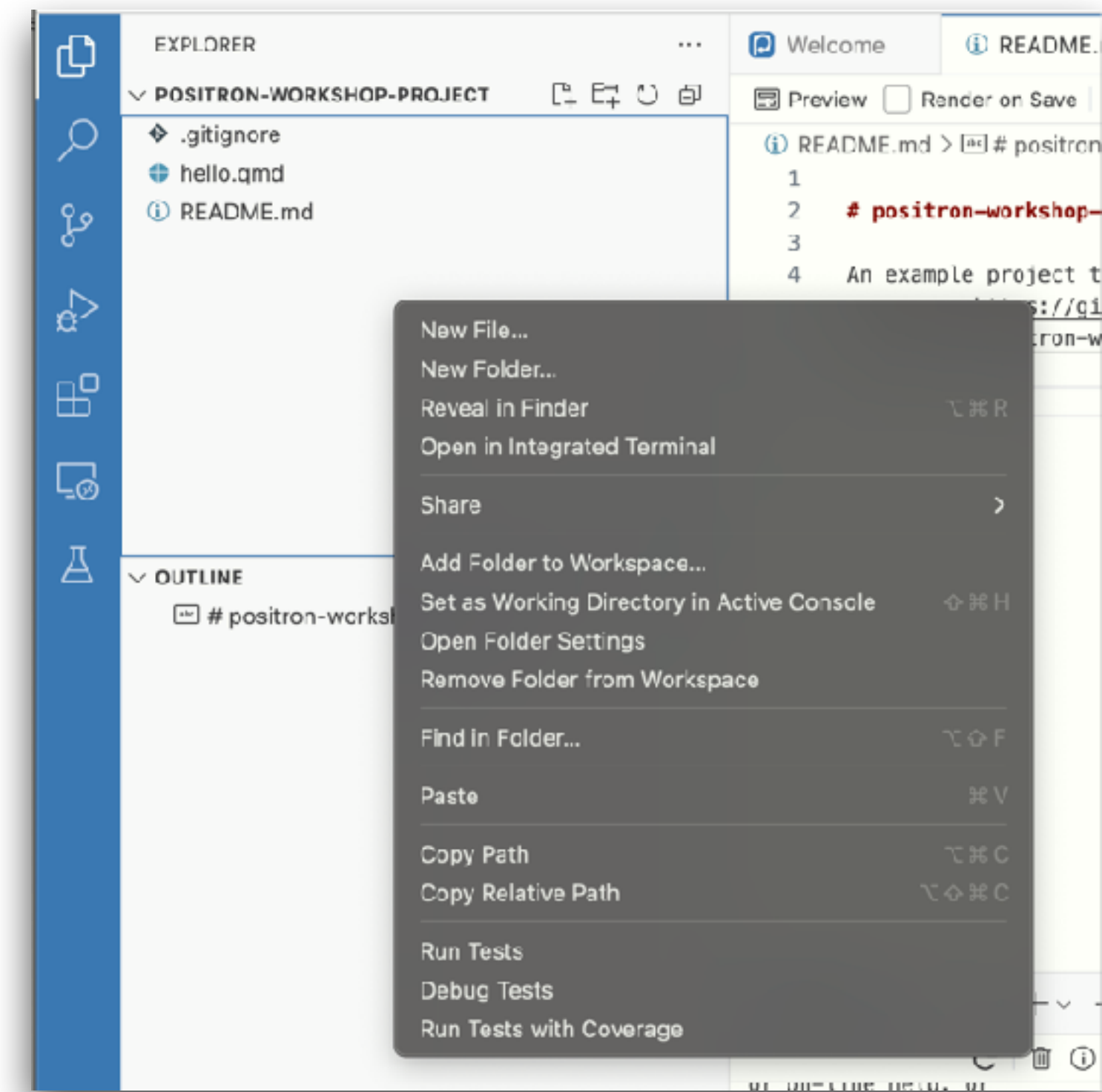
What's different?

Less menus, more right-click

Editor



(File) Explorer



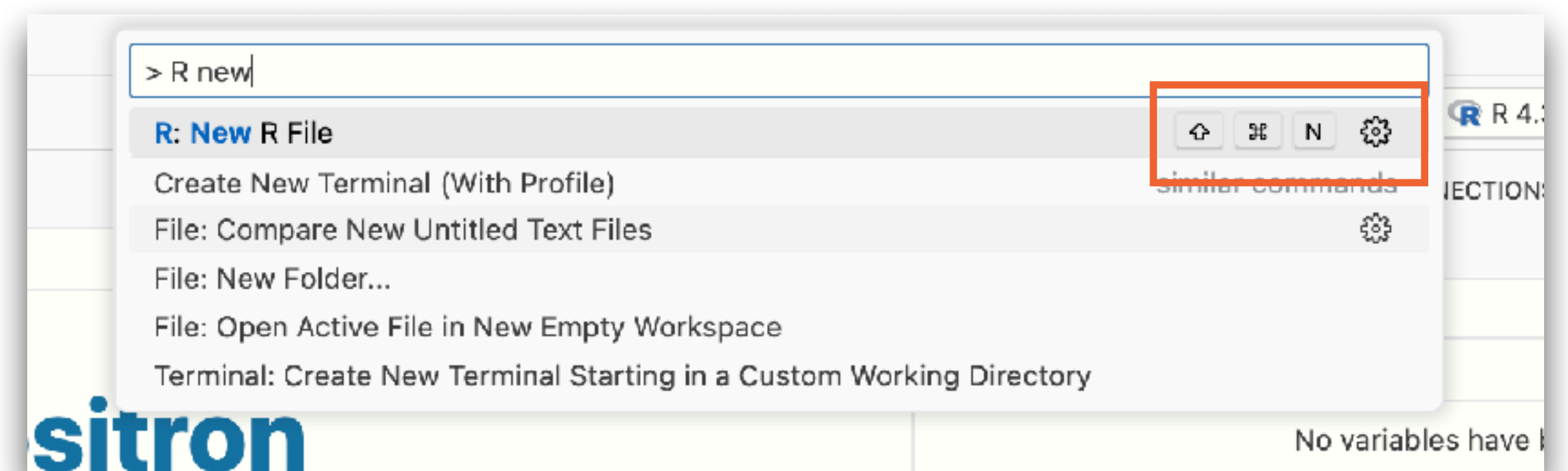
Less clicks, more command palette

Almost everything in a menu or button has a command

Menu: **File > New File > R File**

Command: **R: New R File**

Any command can be given a shortcut



Rest of our time

- Organization
- ~~Quarto~~ *(two dedicated sessions later for Quarto)*
- R
- Customization
- Posit Assistant (AI coding agent)