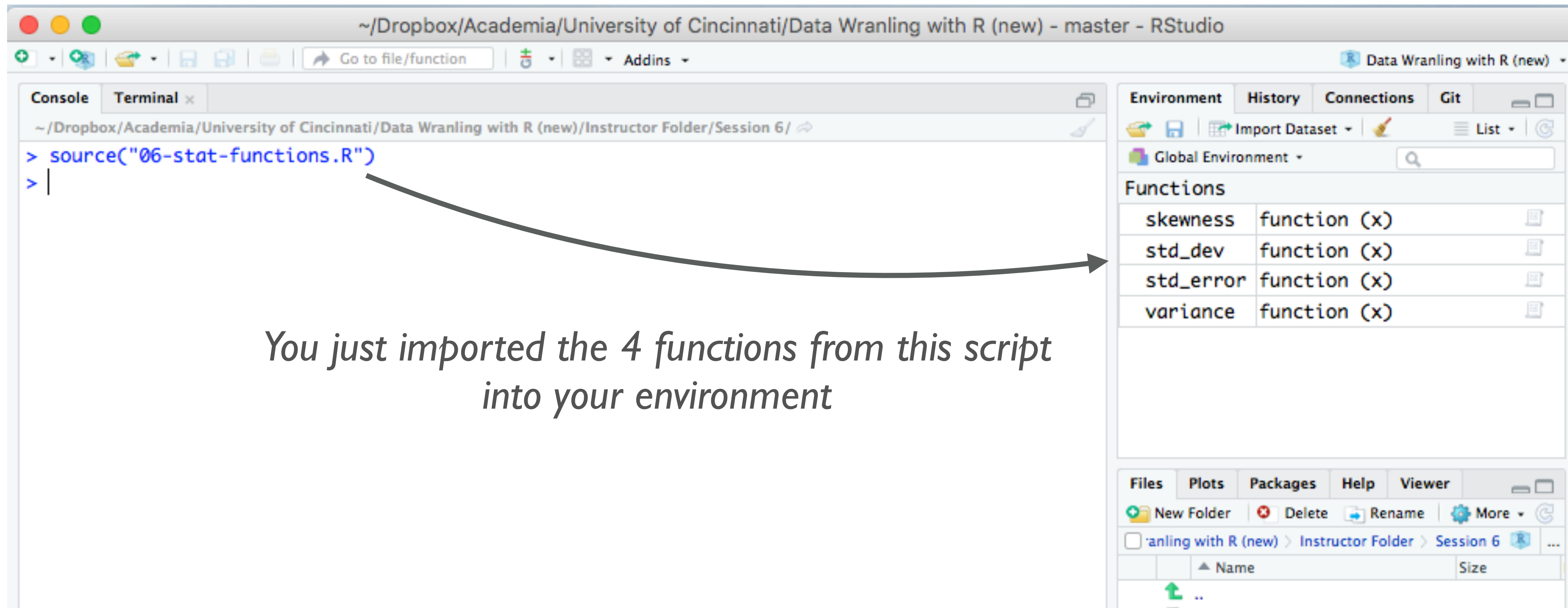


SOURCING YOUR OWN FUNCTIONS

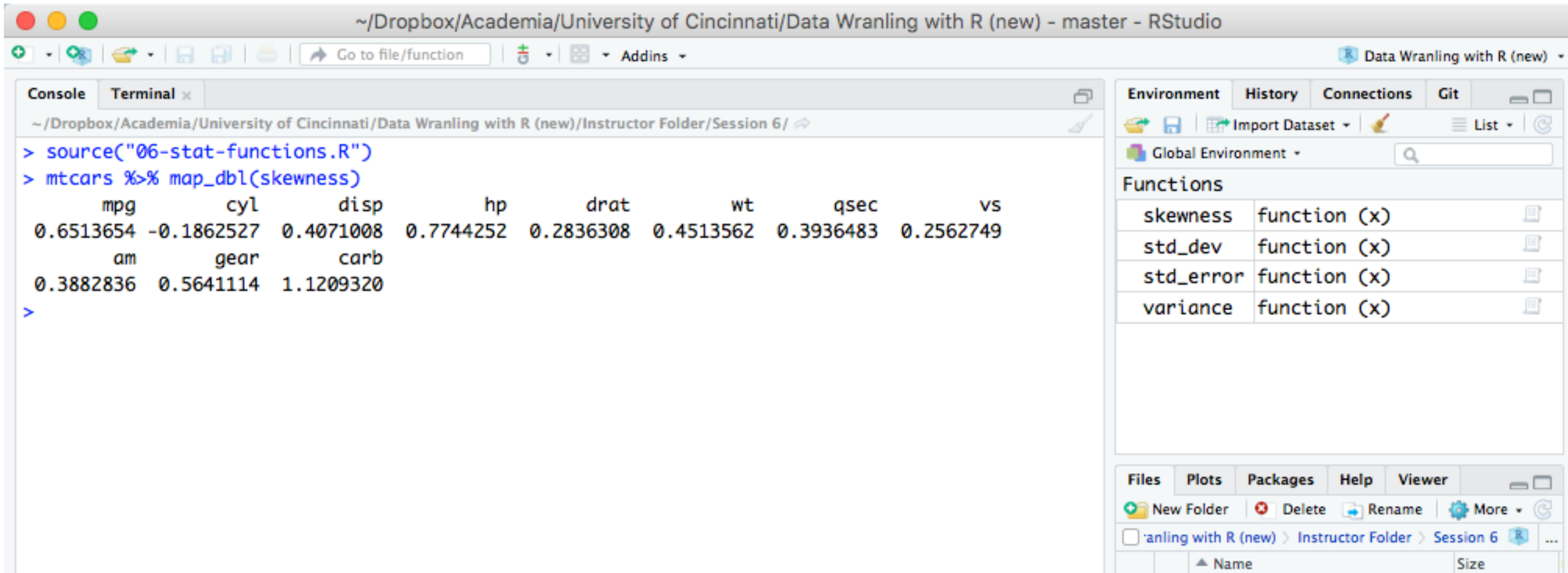


The screenshot shows the RStudio interface. The console on the left displays the command `source("06-stat-functions.R")` being executed. An arrow points from this command to the Environment pane on the right, which now lists four functions: `skewness`, `std_dev`, `std_error`, and `variance`, each identified as a `function (x)`.

You just imported the 4 functions from this script into your environment

Function Name	Function Type
skewness	function (x)
std_dev	function (x)
std_error	function (x)
variance	function (x)

SOURCING YOUR OWN FUNCTIONS



The screenshot shows the RStudio interface. The console on the left displays the execution of a function `map_dbl` on the `mtcars` dataset, applying the `skewness` function to each column. The output is a matrix of skewness values for each variable. The Environment pane on the right shows the `Global Environment` with a list of functions: `skewness`, `std_dev`, `std_error`, and `variance`, all of type `function (x)`.

```
> source("06-stat-functions.R")
> mtcars %>% map_dbl(skewness)
```

mpg	cyl	disp	hp	drat	wt	qsec	vs
0.6513654	-0.1862527	0.4071008	0.7744252	0.2836308	0.4513562	0.3936483	0.2562749

am	gear	carb
0.3882836	0.5641114	1.1209320

```
>
```

Environment: Global Environment

Functions:

Function Name	Type
skewness	function (x)
std_dev	function (x)
std_error	function (x)
variance	function (x)

Files: New Folder, Delete, Rename, More

Session: anling with R (new) > Instructor Folder > Session 6