



Lab - RStudio - Creating an interactive map in R

Note: If you have Skills Network Labs open in a tab already, continue using that tab. You can navigate to RStudio IDE by click on "RStudio IDE" in the menu (click on the three lines in the top-left corner). Otherwise, click on "**Open Tool**" button below to **launch RStudio IDE**. If you have two tabs or windows open with RStudio IDE, only the most recent tab/window will be active.

Exercise 4 - Upload an R script, install an R library, and plot an interactive map in R of New York City

1. Download the following **R script**:

```
map_new_york_city.R
```

2. Upload the R script to RStudio IDE by navigating to the "**Upload**" button in the lower-right hand window under the "**Files**" tab.
3. Once upload is complete, **click on the map_new_york_city.R script in RStudio** to open it in the script editor window.
4. **Try running each line of code**, one by one from the top, using "Run" or by pressing "Ctrl+Enter (Windows)" or "Cmd+Enter (Mac)" on your keyboard. Don't worry too much about what the code means or how to write similar code.
5. Once the map is created, you should see it in the lower right-hand corner. You can try to zoom in and out of the map view.
6. (Optional) Try changing the co-ordinates of the map (its latitude and longitude values) in the script window, then re-run the code again to re-create the map. For example, you can do a Google search for a popular landmark in the world to find its latitude and longitude. You may need to figure out which lines of code you *need* to change, which lines of code you *need* to re-run, and which lines of code you *do not need* to re-run.

Passed 100%

This course uses a third-party tool, Lab - RStudio - Creating an interactive map in R, to enhance your learning experience. The tool will reference basic information like your name, email, and Coursera ID.

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