

# **Lecture 2.5 – Basic Data Analysis**

## **Learning Objectives:**

**3.4. Execute qualitative and quantitative data analyses.**

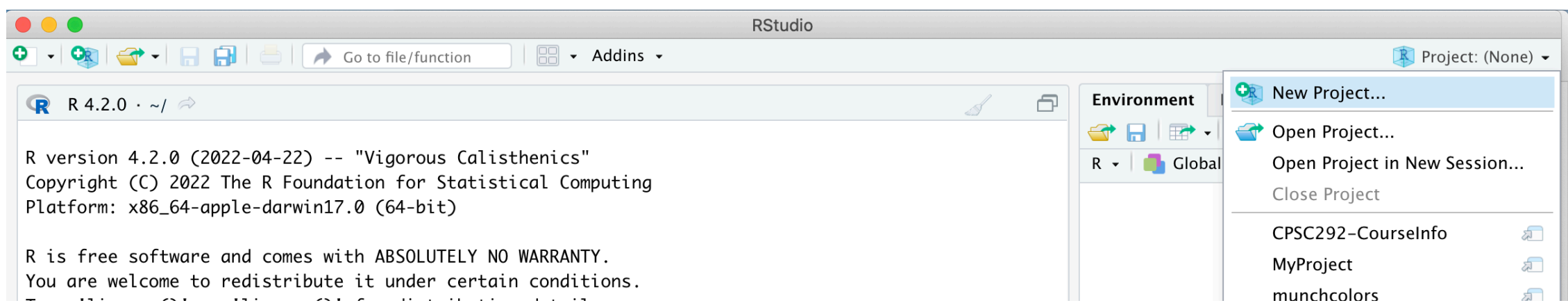
# Check Your Understanding

**For each column in `chickwts`, what is the variable type? How could you plot these columns together? (Make the plot.)**

# Check Your Understanding

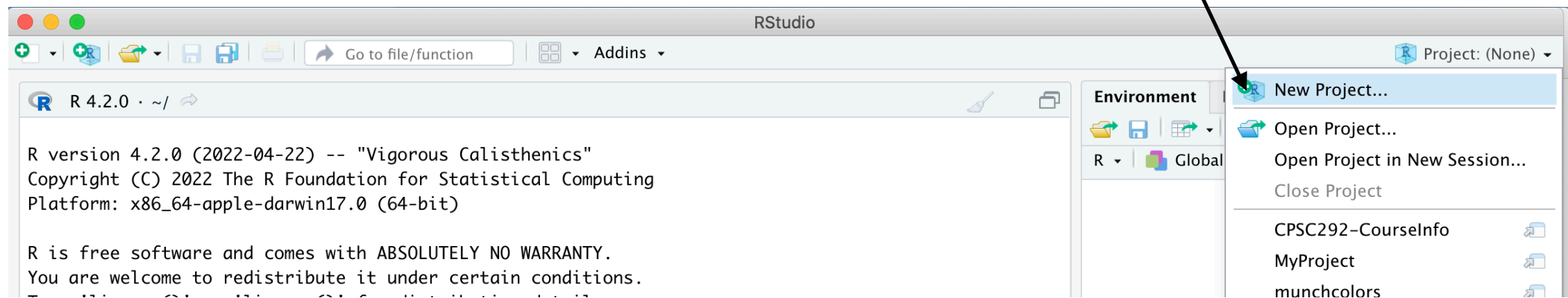
**Calculate the mean and standard deviation of sepal lengths in the iris data set broken down by species. (Hint: use `tapply()` !)**

# Create an R Project



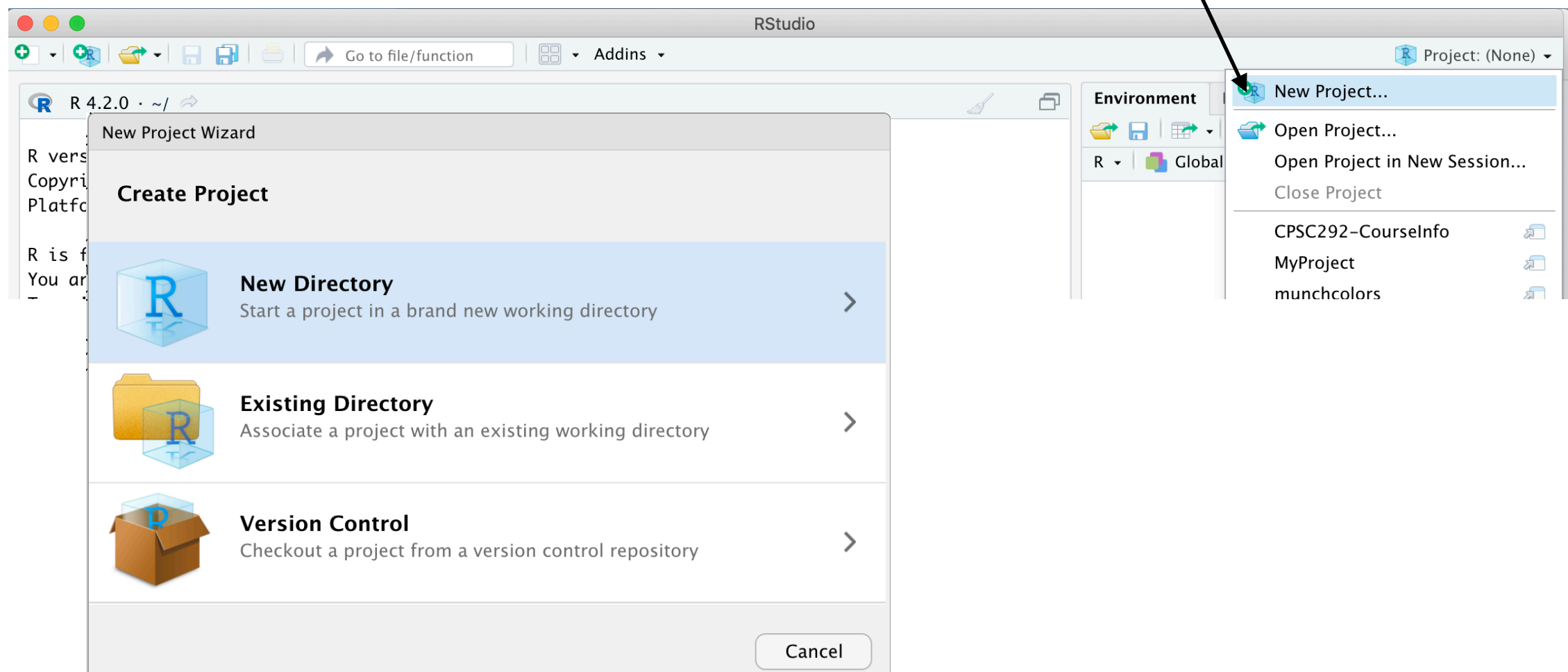
# Create an R Project

Click on the Project button and select “New Project...”



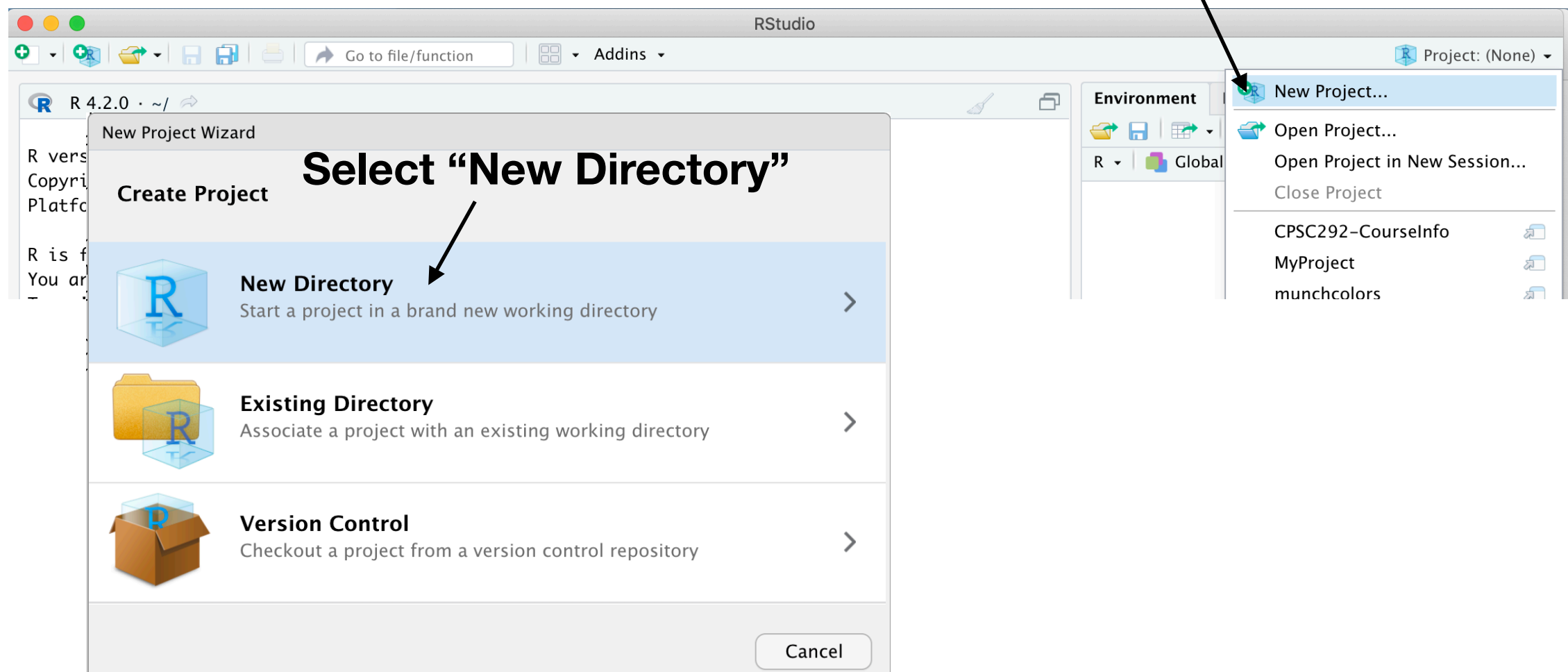
# Create an R Project

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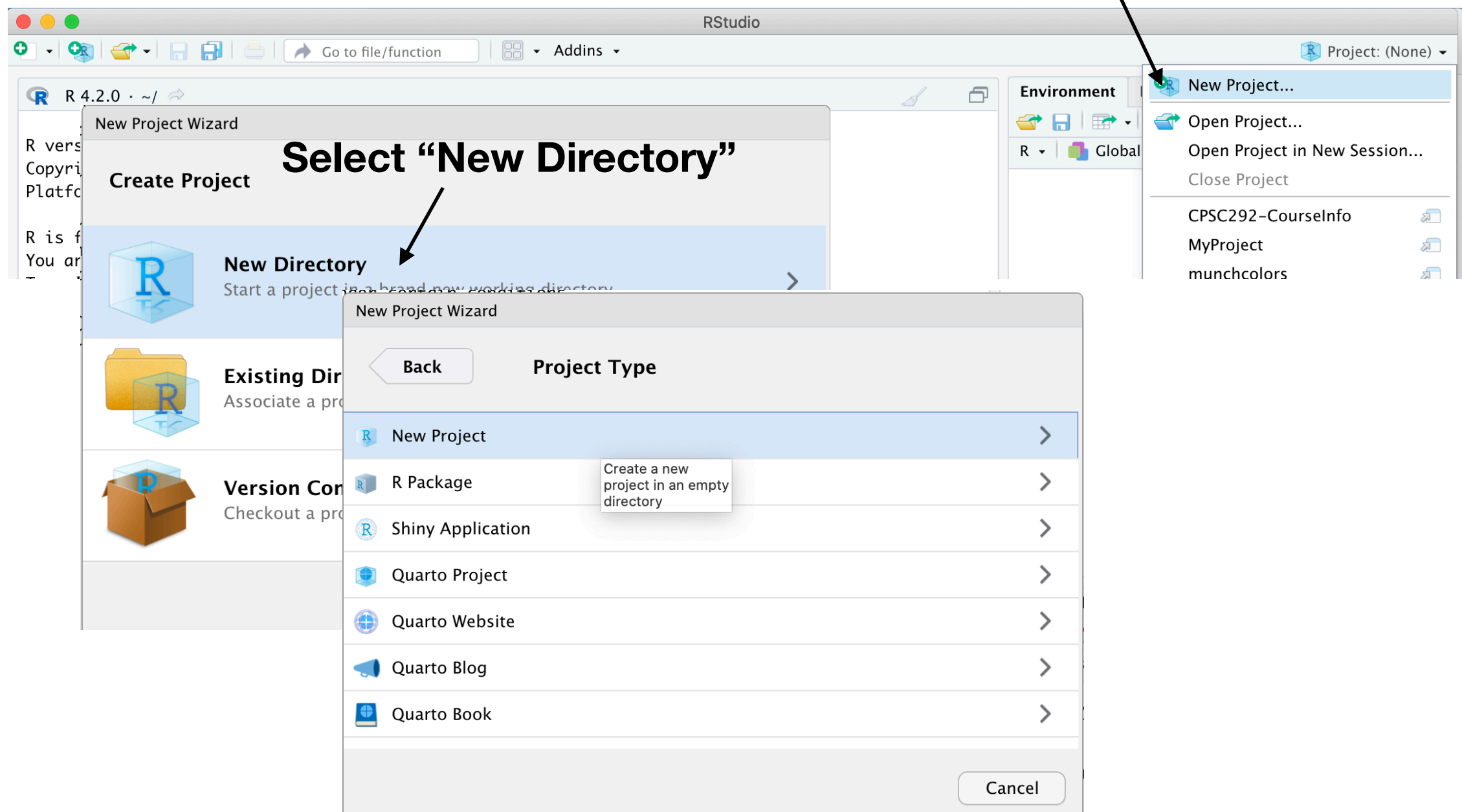
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# Create an R Project

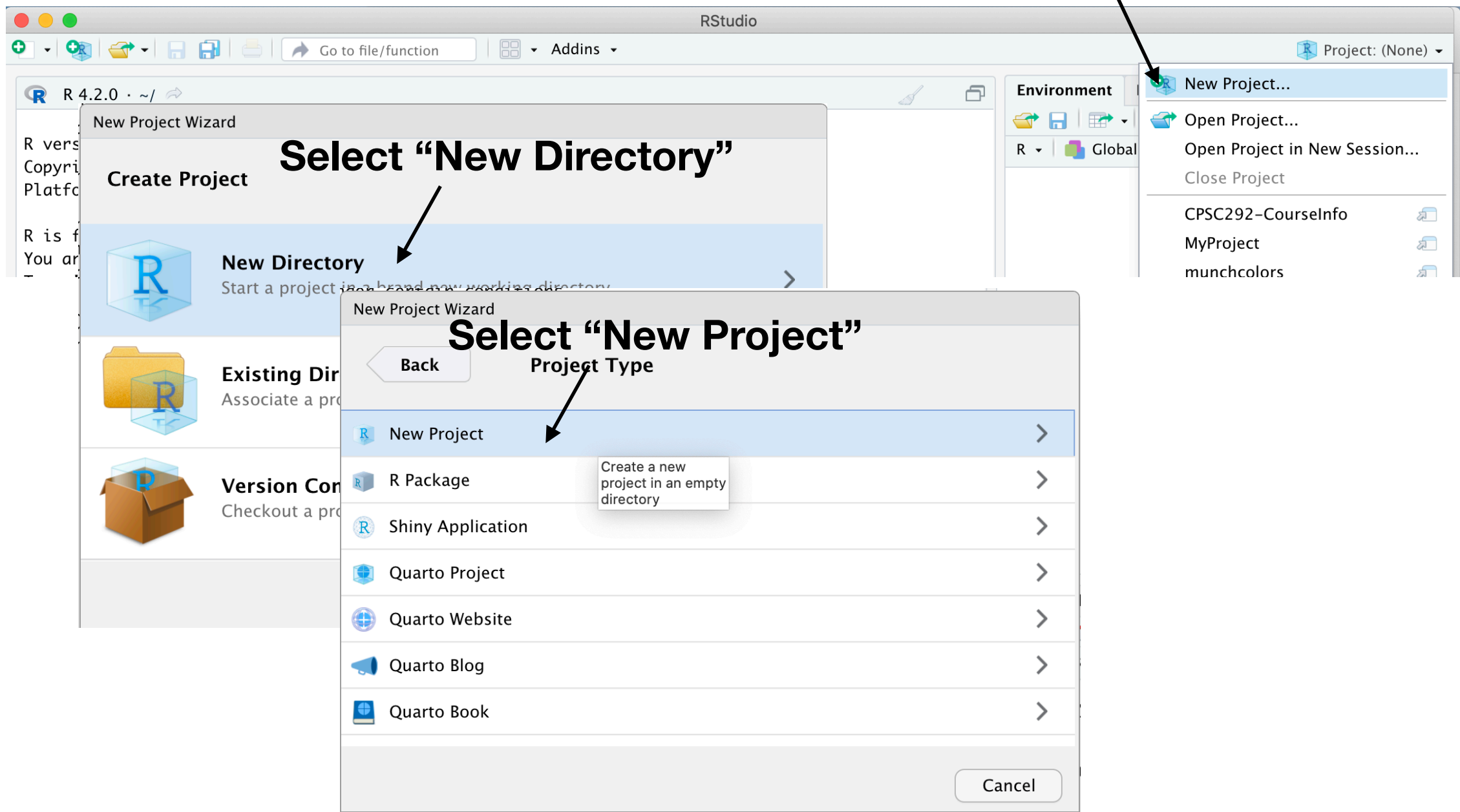
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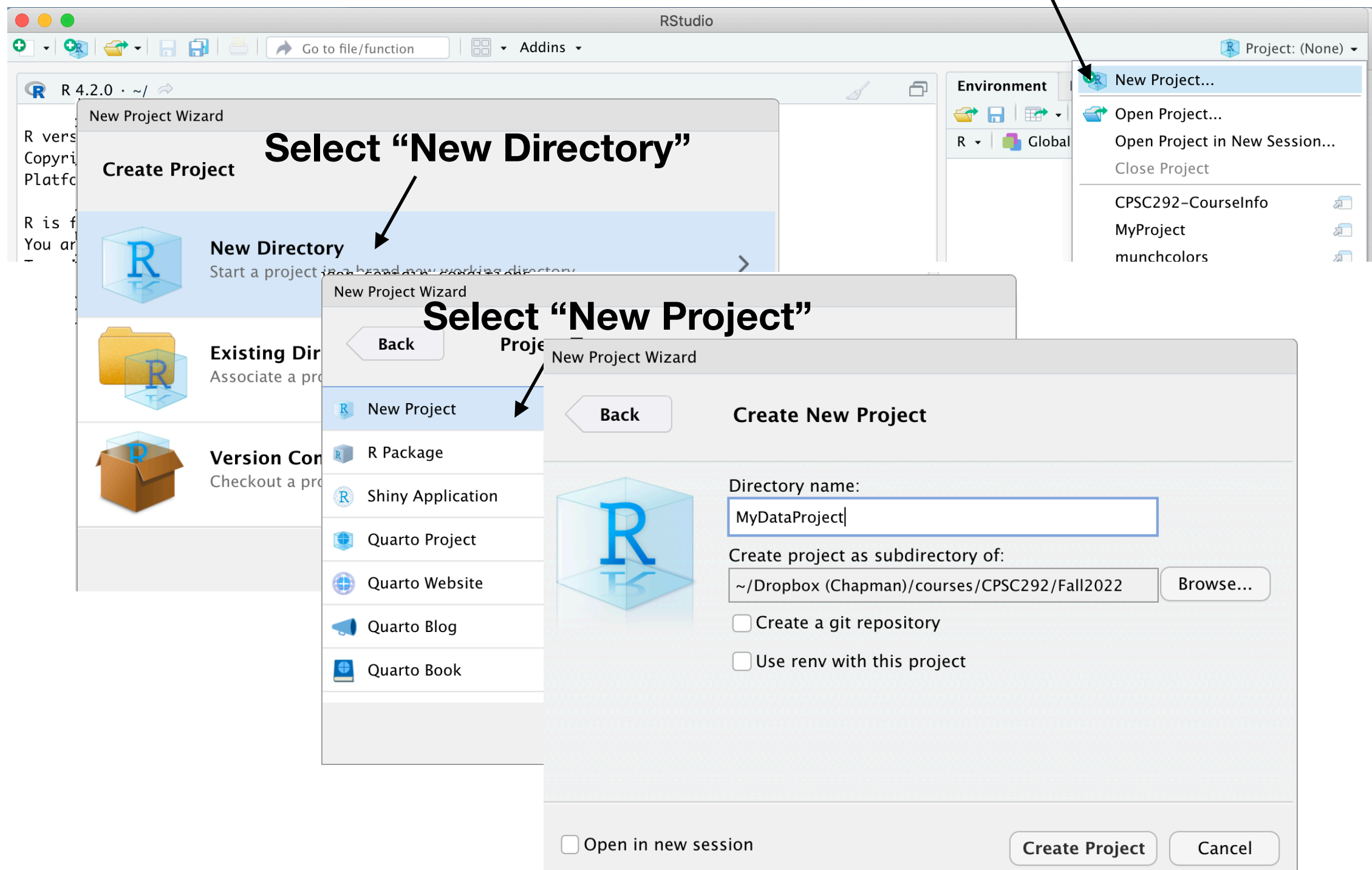
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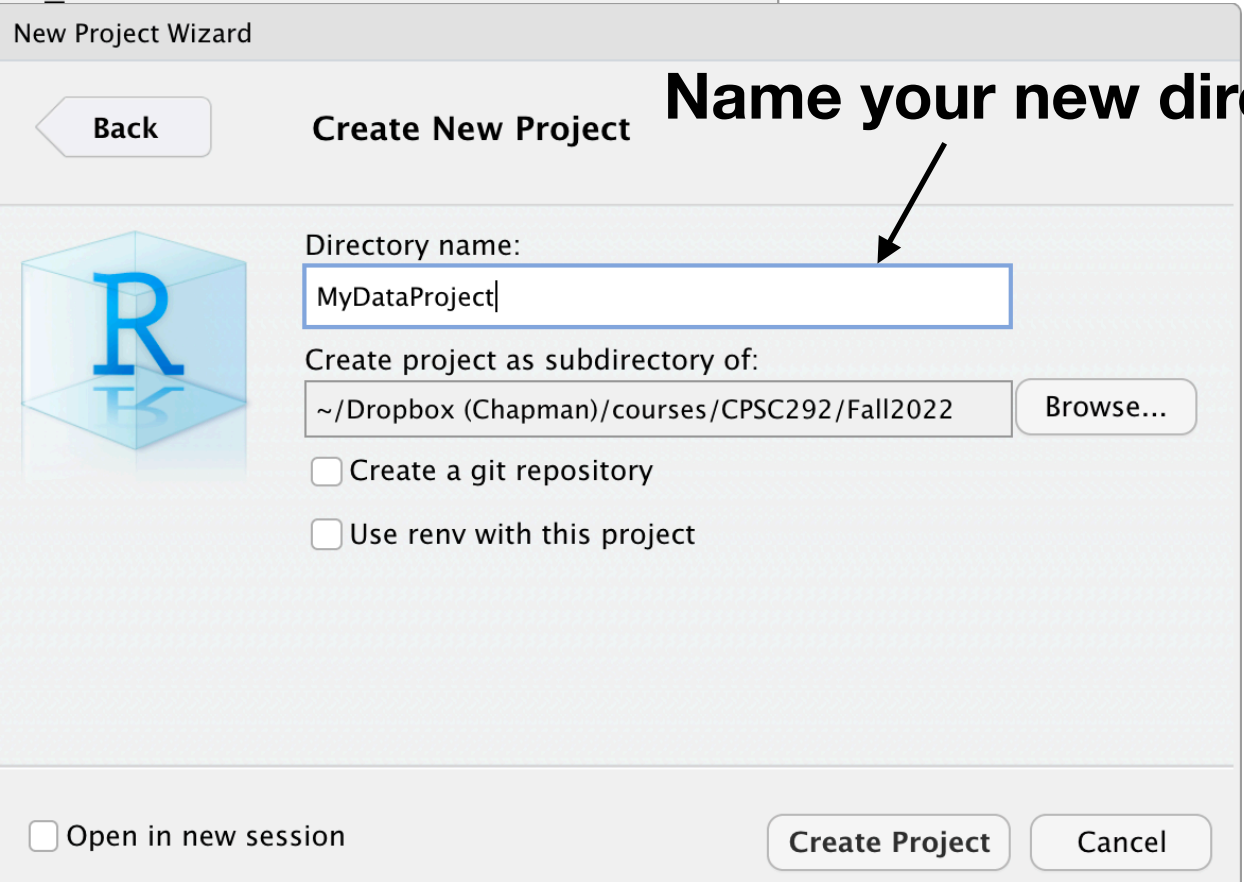
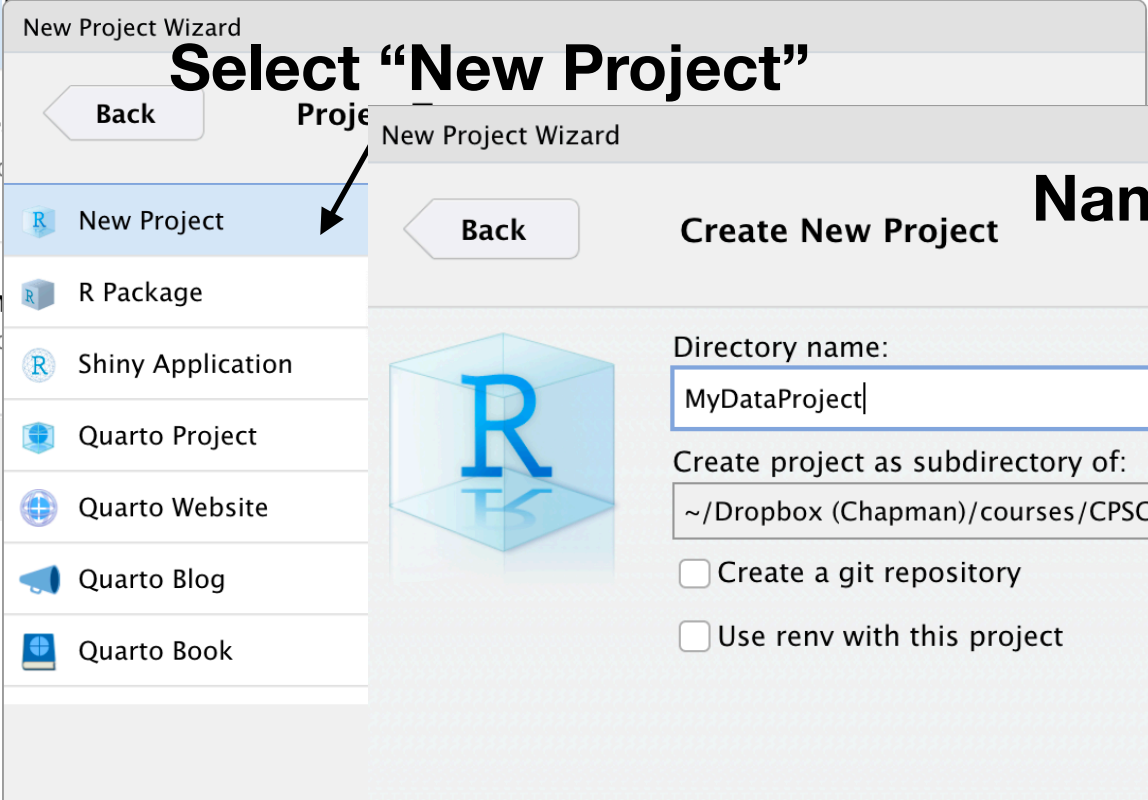
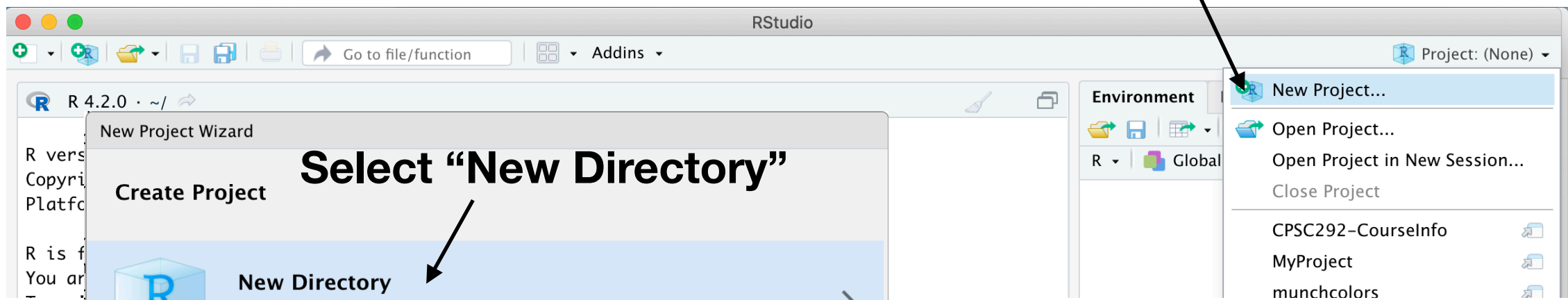
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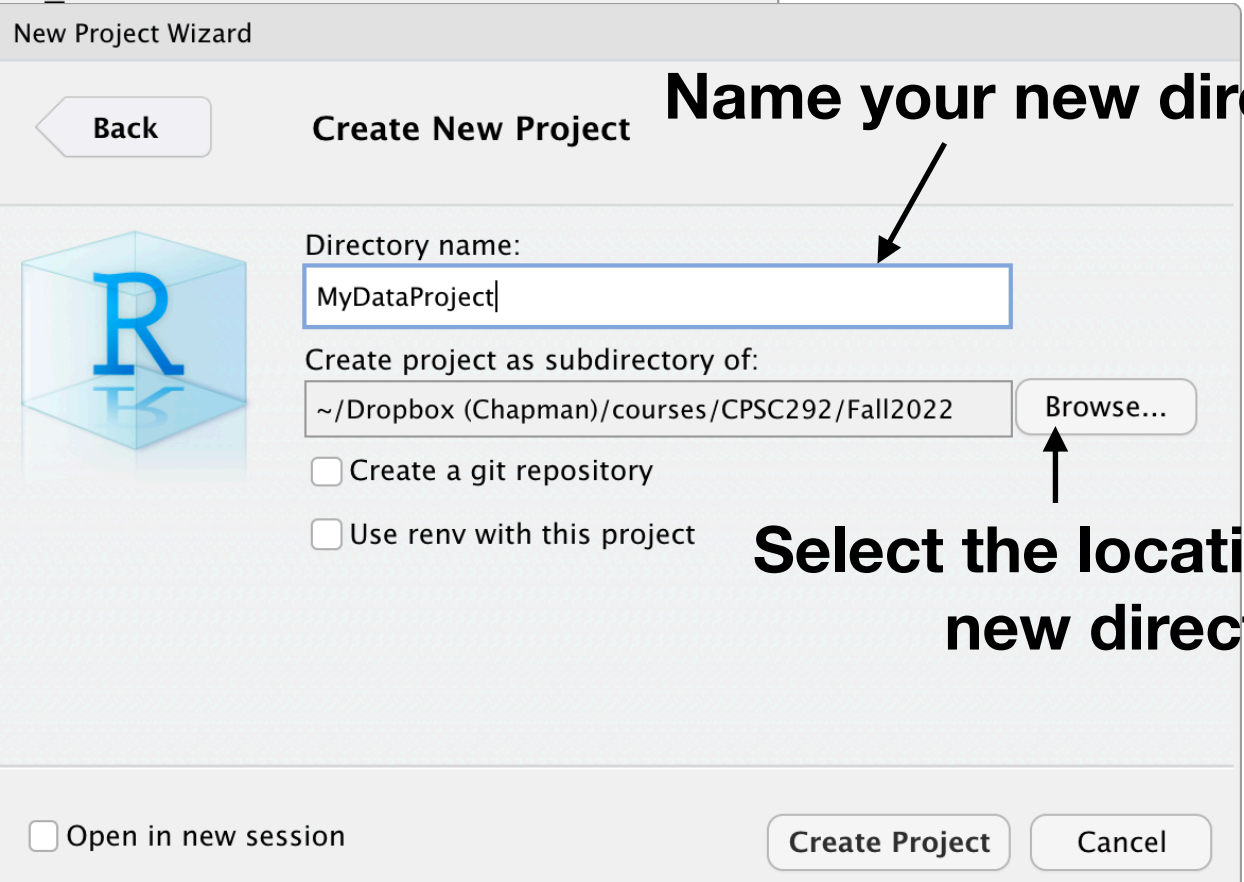
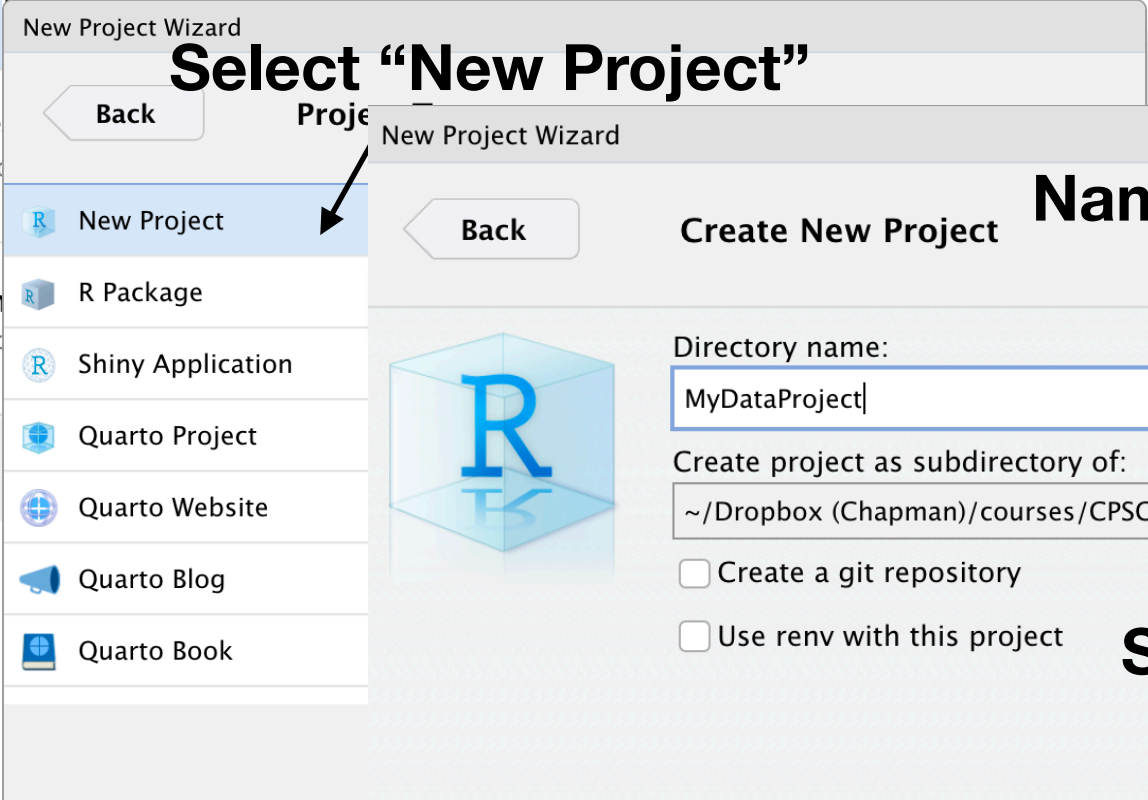
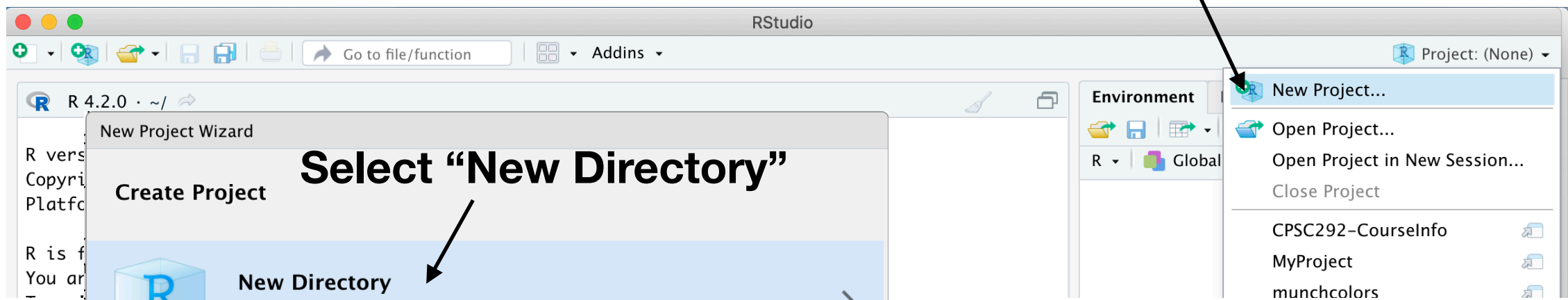
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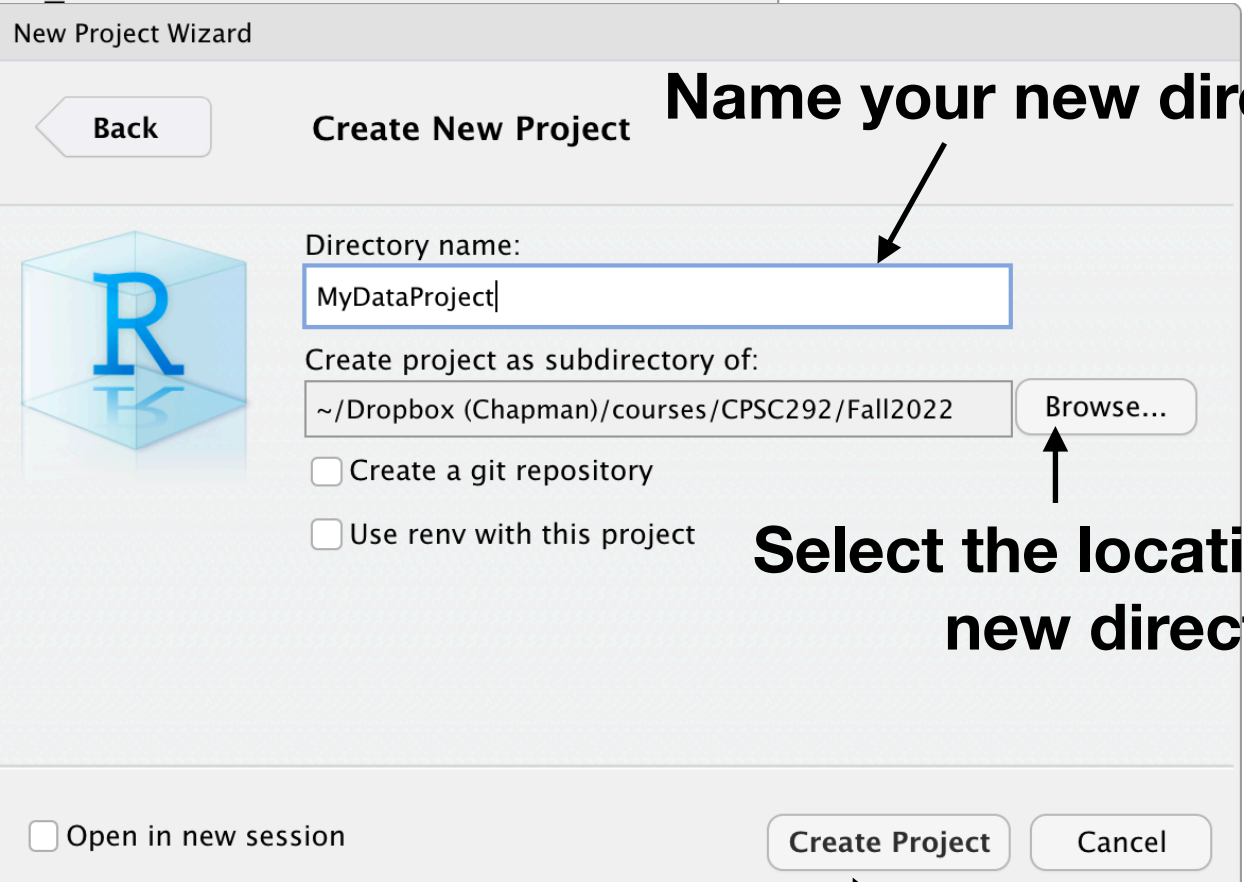
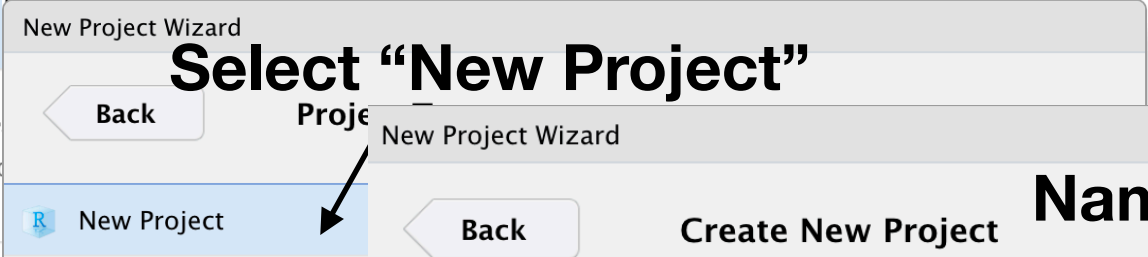
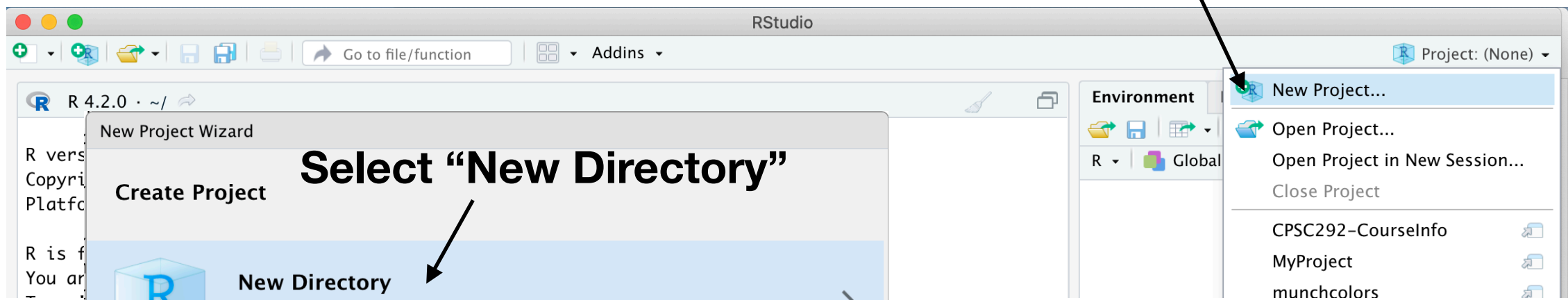


Name your new directory

Select the location of your new directory

# Create an R Project

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Name your new directory

Select the location of your new directory

Click “Create Project”

# Action Items

- 1. Complete Assignment 2.4**
- 2. Be sure to select a data set for your Project! Create a new R project for your Project 1. Write code to load the data set into R.**
- 3. Read Davies Ch. 7.4 and Chang Appendix A**