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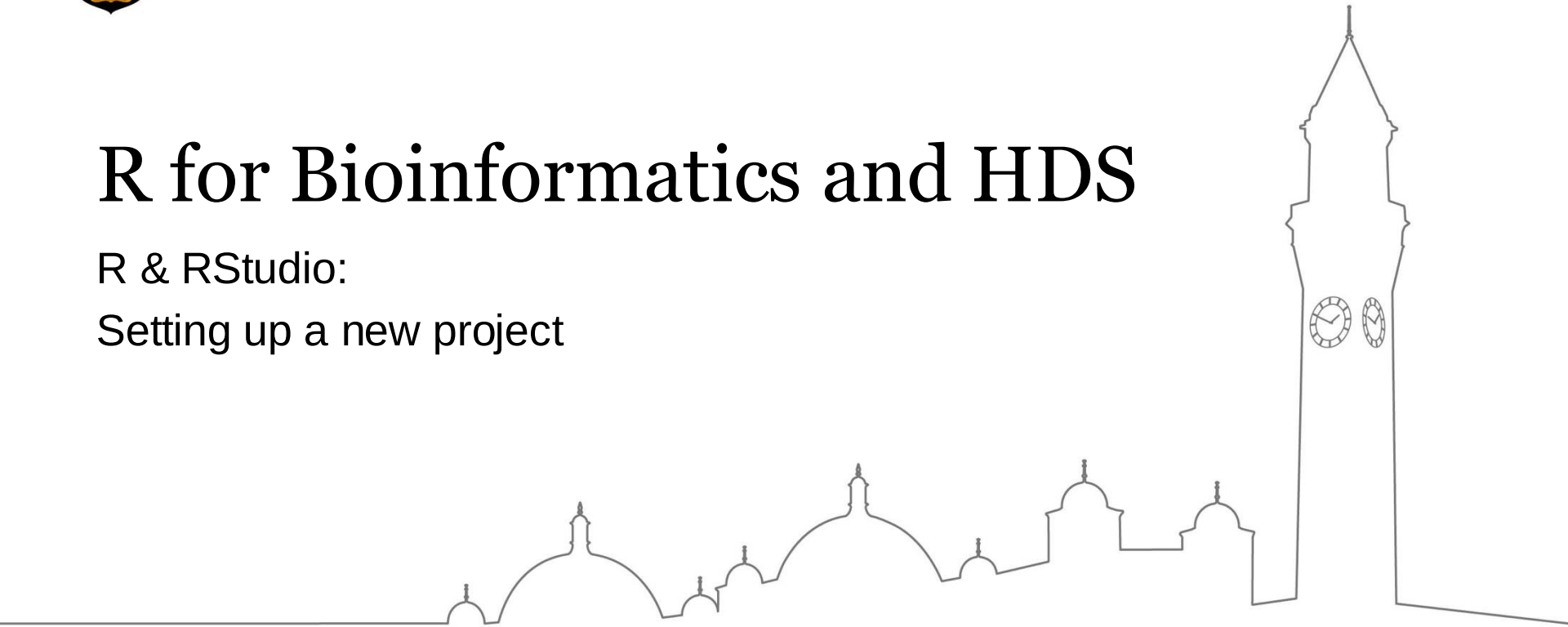
R for Bioinformatics and HDS

R & RStudio:

Setting up a new project



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Laura Bravo Merodio

Course Structure

- Introduction to R & RStudio
- Syntax, Comments, Variables, Data Types and Operators
- Conditions, Loops, Functions and Data Structures
- Working with Data frames

Getting Set UP – How to make a new Project

- Make a new project:

  File menu -> click on New Project -> choose New Directory -> then New Project
- Choose a convenient place to save your project (e.g., Desktop)
- Choose a convenient name (e.g., `RSession1`). **Don't use spaces!**
- Make a new folder:

  Files (tab on the right of the screen) -> click on New Folder -> folder name data
- Create a new R script

  File -> New File -> R-script

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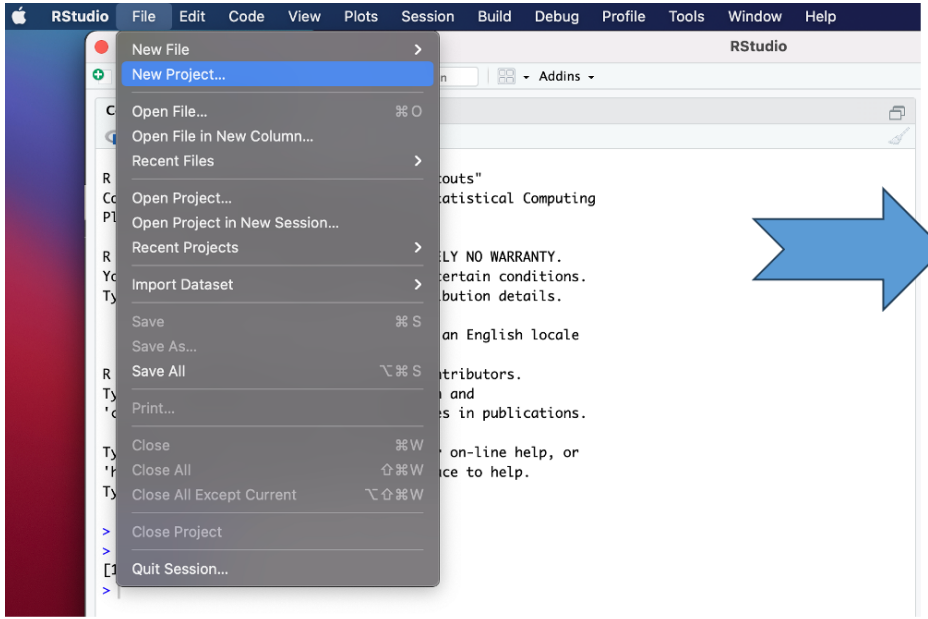

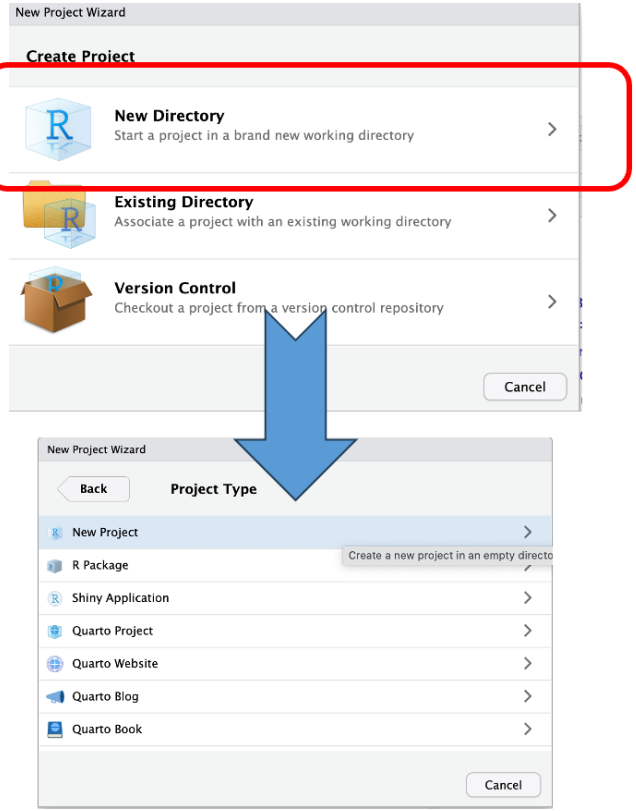

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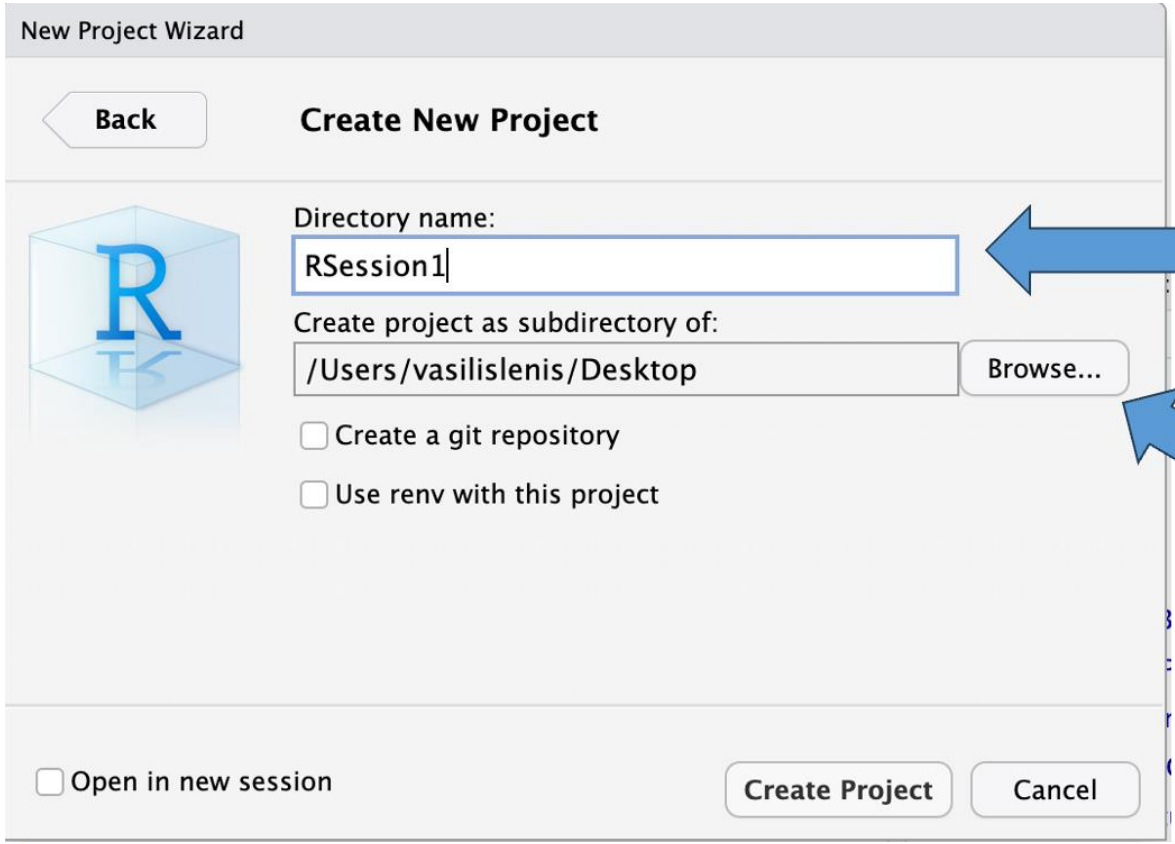

Name the new project as you wish (no gaps)

Don't forget to save it in a convenient place!

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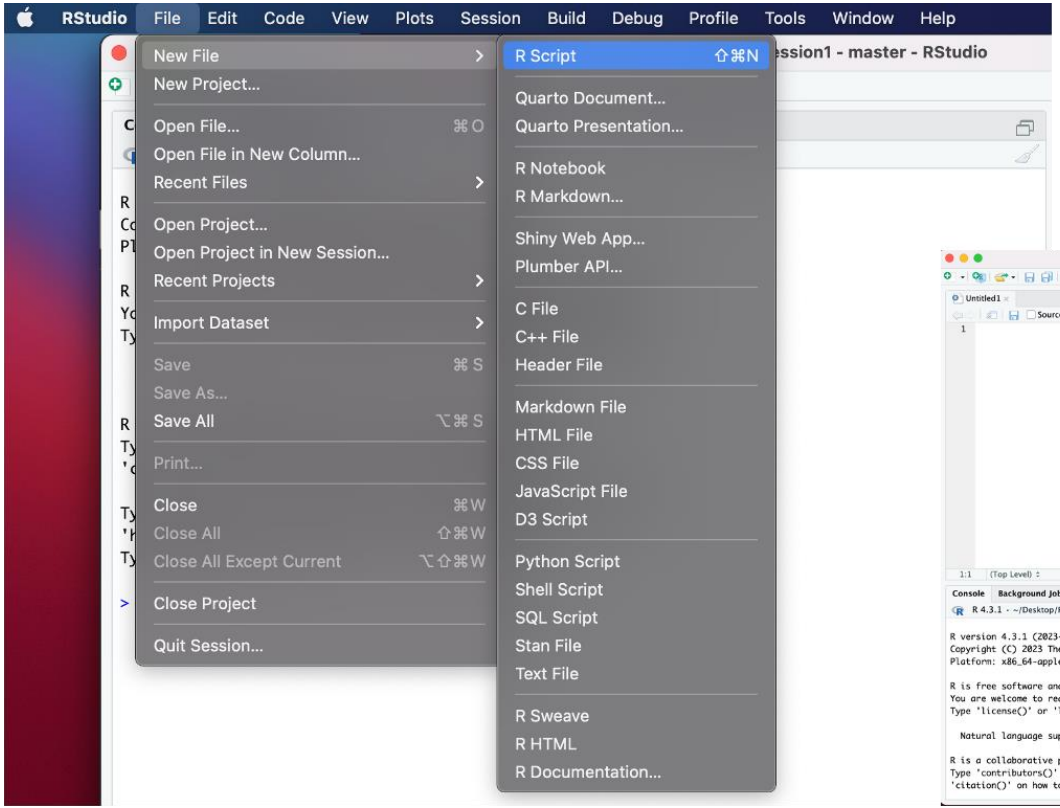

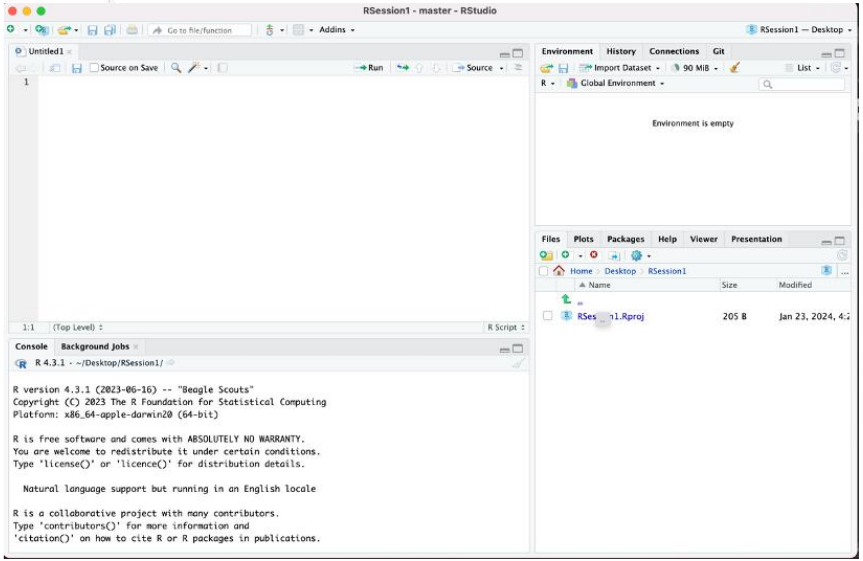

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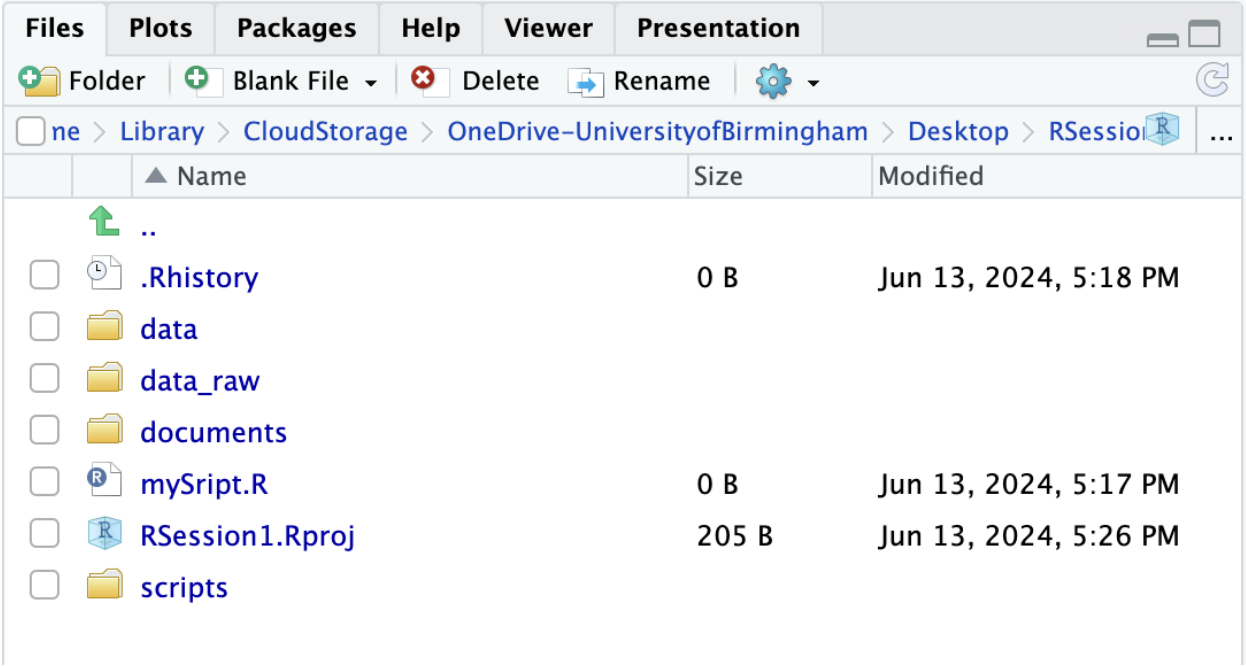
Organizing your working directory

- **data_raw/ & data/** Use these folders to store raw data and intermediate datasets you may create for the need of a particular analysis.
- **documents/** This would be a place to keep outlines, drafts, and other text.
- **scripts/** This would be the location to keep your R scripts for different analyses or plotting
- **Additional (sub)directories** depending on your project needs.

Working Directory

And your working directory (bottom right panel) looks like this:



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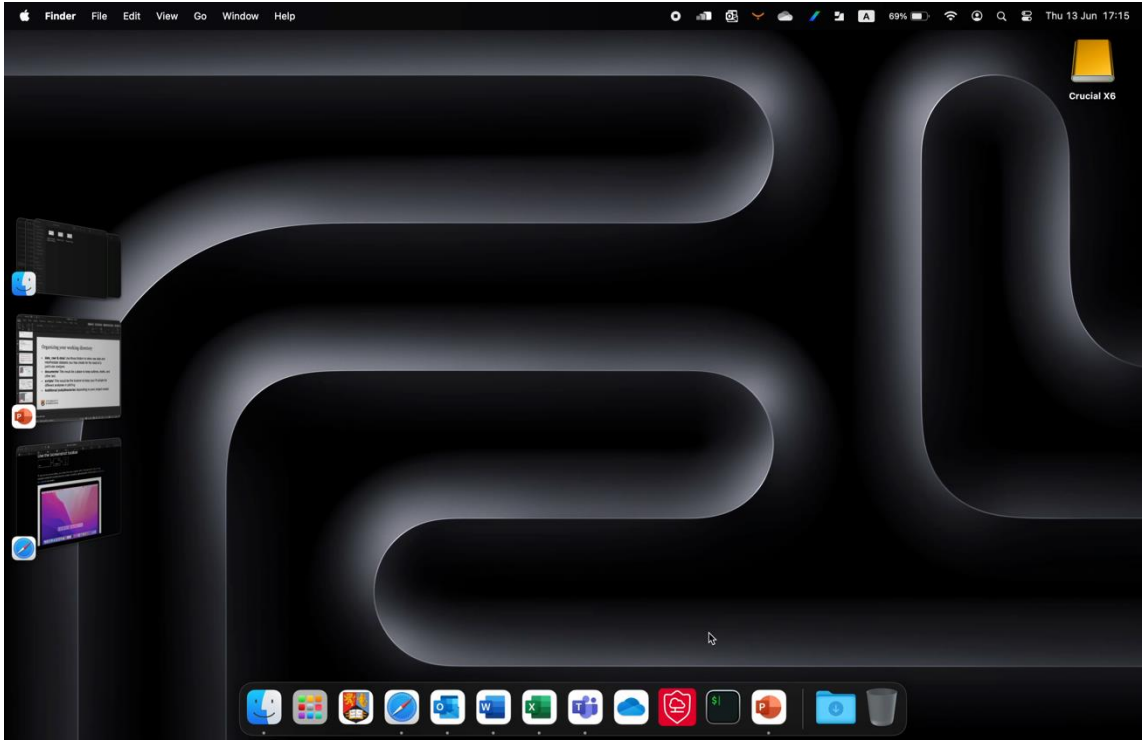
How to create a new project



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