

Module 4 Exercise

Create a project with remote version control

- From GitHub, create a new repository for the R minicourse. Remember to initialize it with a ReadMe file.
- In RStudio, then create a new project with remote version control, setting it up for use with the online repository you've just created.
- Now as make changes on the document below, use version control to routinely update your documents on GitHub.

Create a PDF document with Module 3 Exercise instructions and results

- Using the Module 3 instructions and either your own code or the suggested solutions code to Module 3 exercises, try to create a single PDF document which shows:
 - The instructions for each task, formatted as in the PDF,
 - Your code
 - The output of each step. If a step doesn't have any explicit output, print the tibbles that result from changes you make in the given step.
- Make sure the results have the following:
- Code highlighting with your style of choice
- A table of contents
- Dataframes printed as tibbles

Create an HTML copy

Now that you have a PDF copy, try saving a new copy of your RMarkdown file that you will then use to generate the same document as a webpage.

- After saving the new copy, change the output type so that it is a HTML document.
- Choose a theme for your HTML page.
- Change the chunks so that there is [code folding](#). Also check out what happens if you instead set `echo` to FALSE for some chunks.
- Change the dataframe printing to Kable, looking at the dataframe after each step using `head()` instead of displaying the data frame itself.

Now create a Beamer presentation copy

Once again, save another copy of your work, now for use in generating a Beamer presentation (you can try out other presentation types if you prefer).

- This time, keep `head()` in the document but set the chunk options so that no output is displayed, just the code itself.
- Choose a Beamer Theme and Color Theme to apply to your presentation. Check out the RStudio page on how to specify these options [here](#) and then choose a theme and color theme from the [Theme Matrix](#).
- Try adding an [image](#) to the last slide of your presentation.