



## Preparation for Workshop 4 Data analysis deep dive

If you want to attend and see how the report automation works you are more than welcome. If you want to see **how it works with data for your institution**, then download the following resources in advance of the workshop (due to time constraints, time will not be allowed during the workshop for downloading):

### Links to download R and R Studio

Install R: <https://cran.r-project.org/bin/windows/base/>

Install R Studio: <https://www.rstudio.com/products/rstudio/download/>

Access the code: [https://github.com/Badzo0/Student\\_Survey\\_Report\\_Generator](https://github.com/Badzo0/Student_Survey_Report_Generator)

Click on Code (green box at the top of the page)

This will open a dropdown menu. Select the final option, "Download ZIP".

This will download a zipped folder. Unzip it (right click on the folder and select "Extract All").

Open the folder to find a list of 19 items.

Open "Student\_Survey\_Report\_Generator". This is the file ending in .Rproj (file type R Project).

In the initial view, you should see a window in the bottom right corner with tabs called Files, Plots, Packages, etc.

Selected "server.R". This will launch the code.

Now look to the window in the top left corner. You will see a prompt at the top of the window, in grey text, prompting you to Install the necessary libraries. Select "Install".

The libraries will start to install automatically and will take a few minutes.

You will also need your own institution's StudentSurvey.ie Data File 2021 in the Excel format you downloaded it from In Touch in. This cannot be provided on the day by the facilitator due to the StudentSurvey.ie Data Sharing Protocol. Please ensure you have it downloaded in advance of the workshop.