

Preparatory step

Data Visualization in R

Intro to GitHub

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Why do you need GitHub in the course?

The source code for the lecture and tutorials is available via [GitHub](#)

... so you can find how I built all the plots

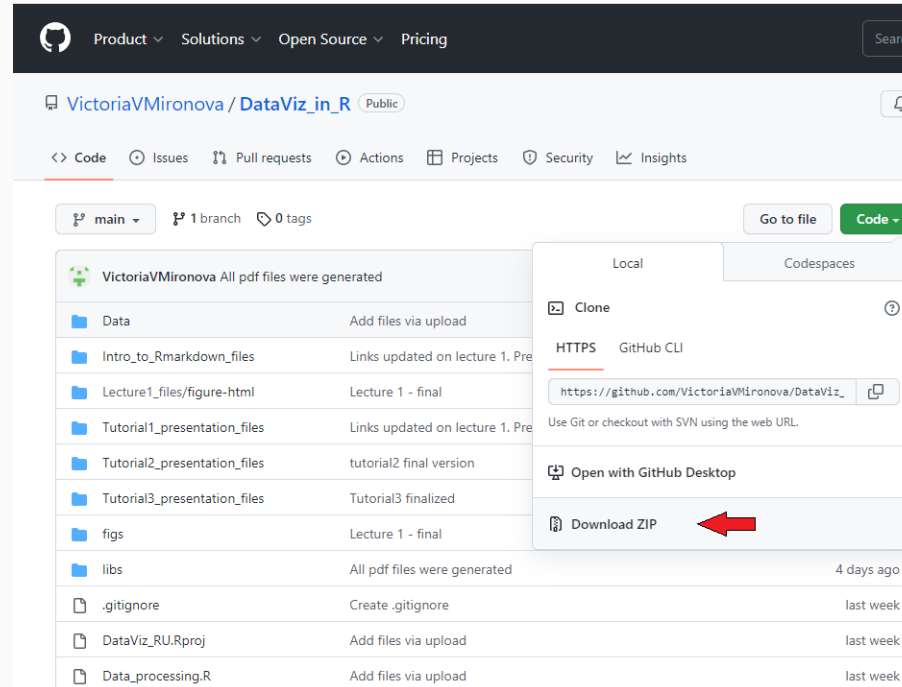
... and reuse the code chunks

... you also can learn how to generate slides and/or reports using .Rmd

The data used in the course (raw and processed ones) can also be found there.

Basic Option: download the whole project in ZIP format

- 1) Go to https://github.com/VictoriaVMironova/DataViz_in_R
- 2) Choose Code/Download ZIP

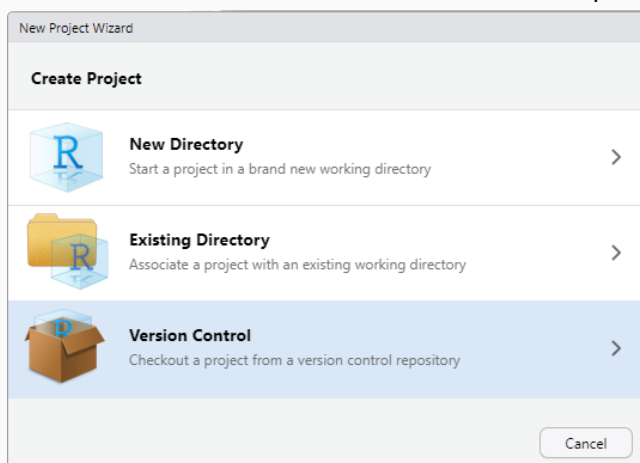


- 3) Unzip on your computer

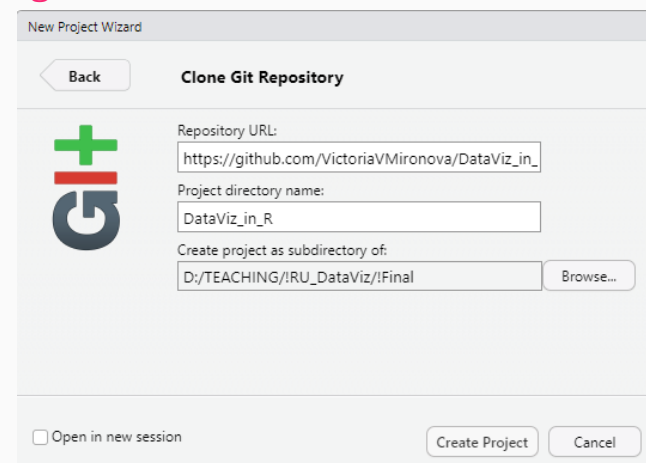
Advanced option: use Git

- 1) Install git and create a GitHub account
- 2) Create a local git repository for `DataViz_in_R`:

New Project/Version control/Git/Clone Git Repository



URL: https://github.com/VictoriaVMironova/DataViz_in_R



- 3) run the code locally
- 4) you can `commit` the changes and `pull` the requests to the `devel` branch if you would like to contribute to the course improvement
- 5) or you can `Fork` the repository to your GitHub account

First step working with the source files

0) Open the project in Rstudio

1) run *_packages.R* to install all the packages you need

2) run *Data_processing.R* to process the data

3) proceed with the course materials:

- either open and knit *.Rmd* files,
- or open *.html* files (choose *View in Web Browser* option).

Tutorials on Git and GitHub

If you would like to learn more about version control using Git and GitHub, you can watch this tutorial on Youtube:

[0 experience to Professional in 1 Tutorial](#)

or read this tutorial:

[An Intro to Git and GitHub for Beginners](#)