

# Introduction to R and RStudio

**Instructor:** Marijn van der Meij, Institute of Geography

**Date:** 2 July 2024

**Time:** 10h - 16h. Lunch break from 12.30 - 13h (lunch not included)

**Location:** Übungsraum 4, Südbau, Geography, Otto Fischer Straße 4, Cologne

This course will introduce you to data analysis and visualization in R and RStudio. You will learn to import data into R, prepare data for analysis and visualize the data. We will work with a specific set of packages designed for data science, called the Tidyverse. In the first part of the course we will discuss the basics and practice with visualization and analysis tools. In the second part of the course, you will apply the learned methods to your own data.

## Previous experience

No previous experience required

## What you need to participate in the course

Bring a laptop on which you have installed R and RStudio:

- First download and install R: <https://cran.uni-muenster.de/bin/windows/base/>
- Then, download Rstudio Desktop: <https://posit.co/downloads/>

Also bring a dataset from your own research, which we will use in the workshop. If you don't have any data yet, a dataset will be provided.

**Maximum number of participants:** 20

**Registration deadline:** 2 weeks ahead of workshop