
Introduction to R Programming for Data Analysis



R is an open source programming language for statistical analysis and its visualisation. It is considered a standard language for solving statistical problems in industry and science.

This introductory course will be held in 9 weekly sessions from **mid-February, 2022** to **mid-April, 2022** as a **virtual** activity. The exact dates will be announced later.

Application/Enrollment

If you are interested in participating in the course, send us an email to diso.fbm@h-da.de by **Tuesday, December 21, 2021**. Please indicate your course of study/discipline/major and your university when applying. Access information for the video conference will be provided later in January. **Please note: The course is limited to 25 participants. We will let you know by mid-January if we were able to enroll you in the course.**

Software

You will need a laptop or desktop computer with either Windows, macOS or Linux. Please install the R software prior to the start of the course. Due to regular updates, it is recommended to install it only a few days before the course starts.

- R base software: <https://cloud.r-project.org/>
- RStudio: <https://rstudio.com/products/rstudio/download/#download>

Subjects:

- General information about R
- Programming basics: variables, functions, data structures, flow control, branching
- Data import and export
- Visualisation
- Basic data analysis

We look forward to your participation!