



## Basics in data science with R - BADAS

June 16<sup>th</sup> 2021 (6 hours)

**Modalities:** On-site or online

**Individual participation:** €150

**Institutional participation :** €300

**Instructors:**

Boris HEJBLUM (Responsible), Researcher and teacher, Biostatistics, Isped, Bordeaux

### Objectives

- › To be able to successfully import and transform data in R.
- › To be able to choose and implement suitable and beautiful data visualizations.
- › To be able to have a reproducible workflow through dynamic reporting.

### Requirements

A working knowledge of R will be necessary: participants are expected to know how to write simple functions.

**WARNING:** This course is not suitable for R beginners.

### Module Program

- › Brief recap on R basics.
- › Dynamic reproducible reporting with **Rmarkdown**.
- › Data manipulation with **dplyr**.
- › Data visualization with **ggplot2**.