



HOCHSCHULE OSNABRÜCK  
UNIVERSITY OF APPLIED SCIENCES

# Syllabus

## Modern Data Analytics with R

**Instructor:** Prof. Dr. Nicolas Meseth  
**Module number:** 44B0586  
**Module description:** <https://www.hs-osnabrueck.de/module/44b0586/>

### Course Description

The module introduces the basics of modern data analytics with R. The students acquire the tools to perform the main steps in the exploratory data analysis cycle proposed by [1]. This includes loading data from various sources, transforming data, visualizing data, and communicating data in an appropriate form.

### Learning Objectives

### Learning Content

### Course Schedule

### Required Text and Material

### Assignments

### Attendance and Participation

### Academic Integrity Policy