



Fachbereich 9 - Medienstudiengänge

Department 9 - Media Courses

Kommentar zur Lehrveranstaltung im SoSe 2026

Description of seminars

Veranstalter*in: Prof. Dr. Cornelius Puschmann

Lecturer:

Titel (dt.):

Titel (engl.): Data Journalism with R Shiny

Beschreibung:

Description:

Data is everywhere in society and journalism is very much a part of this development. Data journalism describes the process of using data as part of the journalistic process and creating news-related products with data. It focuses on the presentation of complex information, often by providing readers with a variety of tools to interact with data, for example, through elaborate visualizations.

This class focuses on practically *doing* data by creating an interactive web-based dashboards using on R Shiny (<https://www.rstudio.com/products/shiny/>). In the course of the semester students will learn how to build Shiny Apps and through conducting a team-based project, build a compelling website that allows users to interrogate large and complex datasets related to current issues in media and communication.

It is a strict requirement that students already have a basic working knowledge of R when the class starts. Participants should also have an interest in journalism, visualization and in tinkering with data.

Please be aware of the absence rules in this module due to specific practice orientation and limited capacity.

Literatur:

Literature:

Wickham, H. (2021). *Mastering Shiny: Build Interactive Apps, Reports, and Dashboards Powered by R*. O'Reilly Media.