

Fachbereich 9 - Medienstudiengänge

Department 9 - Media Courses

Kommentar zur Lehrveranstaltung im WiSe 2023/24

Description of seminars

Veranstalter*in: Prof. Dr. Cornelius Puschmann

Lecturer:

Titel (dt.): Data Journalism with R

Titel (engl.): Data Journalism with R

(immer
angeben)

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 a 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.

Literatur:

Literature:

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