

Seminar & Workshop: Data Science Toolbox

Summary

- ✓ Course dates: December 02 – 04, 2024
- ✓ Course duration: 3 days
- ✓ Language: German
- ✓ Location: Online
- ✓ Certificate: Certificate of Participation
- ✓ Format: Online
- ✓ Lecturer: Prof. Dr. Timm Teubner
- ✓ Price: 1400 €

Course overview

This course introduces participants to the world of data science and the handling and use of data. In an increasingly data-driven world, organisations have access to a wealth of data that can be used to make better decisions and develop innovative solutions. Data Science enables us to understand, process and analyse this data, to gain useful insights and make predictions. This course is explicitly not only about the analysis of given data, but also about the planning of data science projects from the ground up and therefore addresses different methods for obtaining data. Theoretical content in the course is always accompanied by hands-on applications in R. In addition, some useful web services are included.

Course content

- ✓ Web scraping
- ✓ Experiment design and implementation
- ✓ Basics of data processing in R
- ✓ Regression analysis and interaction effects
- ✓ Network analysis
- ✓ Machine learning
- ✓ Data visualisation

The content is supplemented and tested using case studies and real data examples.

Dates

December 02 – 04, 2024 (virtual classroom sessions).

Booking and contact

Register here: <https://www.academy-tu.berlin/en/courses/short-courses>

Should you have any questions, please contact the TU Berlin Academy Team at: +49 30 4472 0232 or via email: info@academy-tu.berlin. We hope to see you in Berlin - or online - very soon!