

AI Training Series - High Performance Data Analytics Using R at LRZ (Online Course)

Mittwoch, 10. Juli 2024 | 10:00 Uhr bis 16:00 Uhr

Leibniz-Rechenzentrum (LRZ) | 85748 Garching b. München

This course is part of the "LRZ AI Training Series", a series of courses aiming at the needs and expectations of data analytics, big data & AI users at LRZ. While focusing on these particular users and their use cases, this session as well as all other courses offered as part of the AI Training Series are, of course, open to all interested parties.

This course for academic participants from Germany will be organised as an online event.

R is a highly popular and powerful programming language for data analysis and graphics, used in many research domains. The Leibniz Supercomputing Centre (LRZ) is addressing the needs of R users by facilitating various ways of working with R on LRZ systems.

For one it is hosting a RStudio Server web application as frontend to the LRZ AI Systems. This is an easy to use and powerful, interactive platform for data analytics, machine learning and AI projects. Additionally, R can be used on the high performance computing (HPC) systems operated by LRZ, the Linux Cluster and SuperMUC-NG.

In this course, the different possibilities of using R for data analytics, machine learning and AI projects at LRZ will be demonstrated and experienced in hands-on session. Guidelines and best practice examples for running R applications efficiently and productively on the various systems will be provided. Special attention will be paid to different ways of parallelizing R code in order to utilize various LRZ cluster systems. There will be breaks during the session.

Veranstalter:
Leibniz-Rechenzentrum (LRZ)

Weitere Informationen: <https://app1.edoobox.com/en/LRZ/Online%20Courses/Online%20Course.ed.c1efcca>