

6-1-2. Center for Data Science

Center for Data Science

Developing data science skills can be likened to learning how to drive in order to get a driver's license, i.e., it is something that anyone can do, but concentrated training in data science courses is not sufficient: you also need some actual ongoing experience in computer programming and model handling, ideally acquired through working with your own data. Therefore, it would be ideal to make data analysis a constant element of your routine of activities throughout your studies at GRIPS—then you could get “more than credits for courses.”

To encourage such involvement in data science work, GRIPS launched the Center for Data Science (CDS) in April 2022 to support your study of data science, deepen your knowledge and polish your skills. The faculty members of the center are CDS Director Professor Takashi Tsuchiya, and three other professors, Roberto Leon-Gonzalez, Hozumi Morohosi, and Takashi Takenouchi.

CDS is conveniently located in room C505 on the 5th floor at the end of the corridor that opens onto lecture rooms A-H. The main missions of CDS are:

- (1) To provide follow-up on data science-related classes;
- (2) To provide consultations for students and researchers who use data science in their research;
- (3) To provide training sessions in the use of software for data science, including R language and Stata, and in the mathematics necessary for a sufficiently deep understanding of the theoretical aspects of data science;
- (4) To promote joint research relating to data science within and outside GRIPS; and to hold related symposiums; and
- (5) To develop GRIPS's data archives.



Consultation Scene

The CDS office is open weekdays from 13:20 to 18:10. Teachers and consultant students are ready to help you in a friendly atmosphere, answering any question you have about programming, statistical modeling, and machine learning. We are planning to organize small, informal workshops on computer programming, statistics, machine learning and related mathematics to support you in your study of data science.

Finally, please be sure to visit the CDS web page at the URL below. It's full of useful tips and information to support your study of data science.

<https://www.grips.ac.jp/en/education/datasciencecenter/>

Thank you very much for your attention. We are looking forward to seeing you at the center, in C505.