Syllabus 2018 Computer and Mathematical Sciences
Big Data Skill-up Training

Japanese

■Basic information

held this year:	yes
instructor(s)	Kazunori Yamada, Naho Orita, Takuro Nakayama
room	Training room, GSIS building
schedule	The latter period
begins on:	An intensive lecture

■Objectives and outline

Currently, more and more primary data are becoming available and the ever-increasing data emphasizes the importance of sophisticated computational skills to control it. The aim of the course is to obtain the most fundamental skills to handle, analyze and interpret big data. Specifically, students will learn the basic of Linux operation and usage of programming languages throughout a practical training of Python. The class will be delivered in English. The class will be designed for programming beginners.

■Class plan

The lecture will be held in two periods (180 min) per a day.
1. Web based learning.
2. Web based learning.
3. Setting up programming environment for student's computer.
4. Actual data handling.
5. Actual data handling.

■Evaluation

Based on level of attainment and and reports.

■Textbook(s)

Nothing special.

■Web site

http://gp-ds.tohoku.ac.jp/class/skillup_2017b/

■Office hours

Any time. Make an appointment in advance via e-mail.

■Other information

The date of class will be fixed after an arrangement with DPS and GPDS students. Place: Room 607, Computer training room, 6F GSIS Building

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