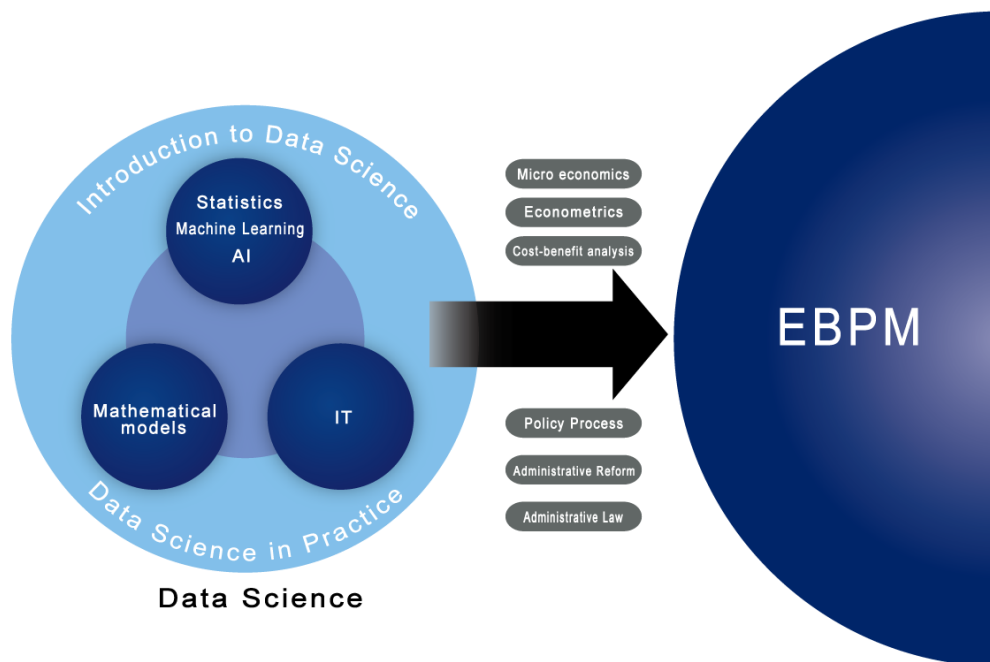


6. Special Learning Opportunities

6-1-1. Data Science Education at GRIPS



Data science literacy is becoming indispensable for 21st century policy makers. Therefore, it would be ideal if, during their time at GRIPS, all GRIPS students acquired extensive data science skills for the conduct of real data analysis. Currently we are making a concerted effort to strengthen GRIPS data science education by reorganizing the curriculum so as to allocate more faculty for instruction in data science. Specifically, we are now providing “Introduction to Data Science” and “Data Science in Practice” as core subjects for data science education. In addition, we offer many other subjects related to data science, such as econometrics, operations research, and geophysical information systems. We also encourage GRIPS student involvement in data science by offering a Certificate in Data Science for Policy Studies

(see https://www.grips.ac.jp/en/education/nd_certificate/certificate_ds/ for details).

We strongly recommend that you take these courses if you are considering writing a policy paper involving quantitative analysis. We have seen many cases where a student has collected invaluable, interesting data demonstrating their research ability, but unfortunately ended up with a simplistic descriptive analysis due to a lack of skill in data analysis. This is a great opportunity missed, not only for the student but also for our school. In that light, if you want to use data in your research it is of crucial importance that you become familiar with data science from the beginning of your studies at GRIPS.