

Social Information 1

Syllabus Number SOC-103
Elective 2 credit
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1. Course Description

The speeding up of networks and the dramatic improvement of computer processing power have the potential to improve the efficiency and sophistication of operations through rational analysis using digital big data. Recent advances in AI technology are also accelerating that direction. However, it cannot be said that the utilization of big data is smart in Japan. The DX (digital transformation) of society has become an urgent issue.

Now, data scientists can be divided into several types that reflect their area of expertise.

If you are a science student, you are a person who builds a technical foundation for organizing and processing data, and a person who is engaged in the development of machine learning represented by AI. In the case of liberal arts students, those who analyze the acquired data based on their own specialized fields, those who think about the mechanism of application to business, and what kind of data should be acquired according to the purpose at the initial stage. It is conceivable that there is a person who proposes a system design as to whether or not it should be analyzed. This class will focus on the latter, focusing on the humanities area, and will also cover the use or construction of some very simple AI systems.