

Fundamentals of Artificial Intelligence-E2(2)

metrics will be discussed to reinforce good practice when testing and evaluating models.

6. Application (4 weeks)

Armed with the knowledge of the previous lectures, we discuss how AI models can be used in the context of human conversation. We focus on large language models such as ChatGPT and human conversation behavioral models which can be used to produce spoken dialogue systems. Various language, audio and visual models will also be described. As part of these lectures students will choose a simple classification task related to human conversation and then successfully construct an AI model.

7. Feedback (1 week)

【履修要件】

特になし

【成績評価の方法・観点】

Attendance and participation (20%), exercises (60%) and a final report (20%).

【教科書】

Handouts

【授業外学修（予習・復習）等】

Students should aim to review course content for 30 minutes before and after class and if possible practice programming on their own machines using Python.

【その他（オフィスアワー等）】