Reference

Lai, C.-L. (2021). Exploring University Students’ Preferences for AI-Assisted Learning Environment: A Drawing Analysis with Activity Theory Framework. Educational Technology & Society, 24(4), 1–15. <https://doi.org/10.30191/ETS.202110_24(4).0001>

This article delves into the viewpoints of university students regarding their study environment with AI technology. Over the last few years, a significant amount of research has been significance on the impact of study performance on university students. Based on analyzed dissimilar views, the researchers made a guess and an estimate of student’s study performance. In addition, university students studying in an environment that combines high technology, such as a variety of instructional media and human-computer interaction, found it more beneficial compared to traditional environments. Therefore, in order to budling a high efficiency study environment, it is suggested that people can refer the student’s habits when the software and hardware are designed. However, the researchers have also found that some university workers need sufficient training to become familiar with new technology. As a result, they conducted a survey among university students who have a fundamental comprehension of elementary school-level concepts and without IT background, and this survey aimed to enhance the understanding of the AI industry in the context of educational teaching and learning. In addition, these survey’s participants have given a lecture about AI usage in education area as long as two hours with group discussion about relative idea so as to confirm the students know the situation of Al in education up to day. Finally, the result shows that the students prefer pay attention in the teacher during the class time in state of having an interaction with AI technology, because it is more used in personal study time outside of classes. Furthermore, not only developing technology, but also necessarily taught knowledge regarding latest AI technology to students and workers in the university. The main limitation of the article is that the survey is only carried out in a university in northern Taiwan. Therefore, despite based on the vast analysis data though the survey, the study is very useful in developing currently educational AI environment, however, the result of the survey might be different in some country where has high-level of developed AI technology, due to the relative technology has not been popular in Taiwan society.

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