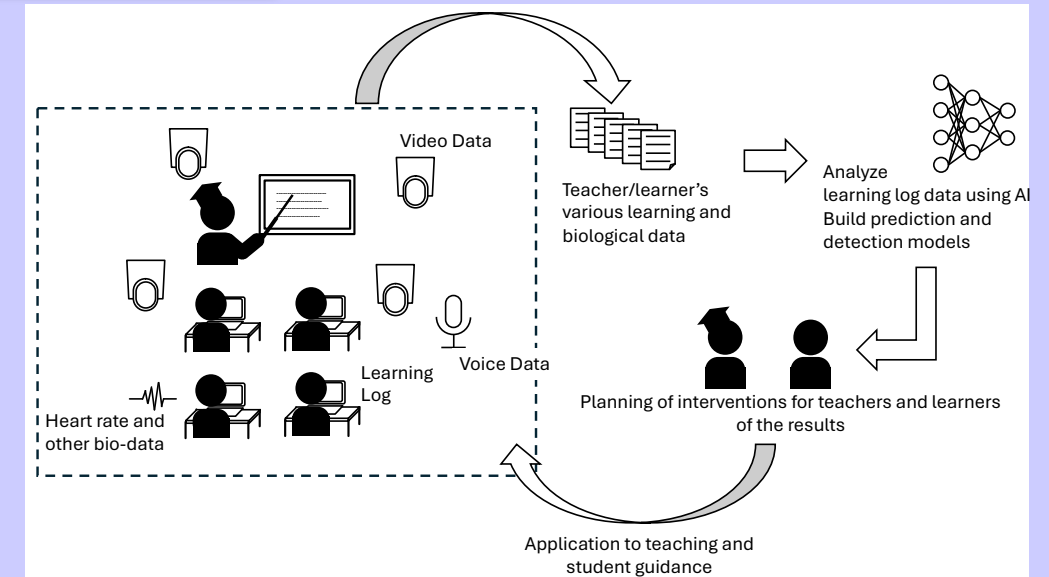


A Novel Proposal for a Lesson Improvement Cycle Informed by Learning Analytics Using Educational Practice Data and Artificial Intelligence

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Research Area

1. Research on improving the quality of learners' learning
 - Estimation of performance based on learning data
 - Estimation of motivation to learn based on biometric data
 - Providing learning situations and promoting self-regulated learning based on the above data
2. Research on improving the quality of student intervention by teachers
3. Research on improving the quality of teaching by teachers



Recent Activities

- Concept Map Recomposition Approach for Advanced Formative Assessment in Large-Scale Online Course. In Proc. of the 31st International Conference on Computers in Education: 457–462, 2023.
- Proposal of a Competency Estimation Method for Video Viewing Logs. In 2023 IEEE 12th Global Conference on Consumer Electronics (GCCE), 269–272, 2023