

Special Issue

Machine Learning in Educational Data Mining

Message from the Guest Editors

Educational Data Mining and Learning Analytics are two interlinked and fast-growing research fields with a view to extracting meaningful information from educational data and improving the quality of education. The growth of interest in these fields is depicted by high-quality research which is mainly targeted around the employment of Data Mining (DM) and Machine Learning (ML) methods in data gathered from a variety of educational environments. Practical applications of ML in the EDM and LA fields open up new horizons and give rise to new challenges for scientists and researchers. Recent advances in these fields include issues such as transferability, explainability and interpretability of learning models. However, it is clear that there is much still to be done in both fields. This Special Issue (SI) is centered on theory and practice of Machine Learning (ML) methods in the fields of EDM and/or LA. Therefore, we invite authors to submit original research that fall within the focus of the SI.

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Deadline for manuscript submissions

closed (31 January 2022)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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