



## Machine learning in Education

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Machine learning and data mining have transformed the way students, educators, and institutions interact through intelligent systems to monitor and optimize student's success. The ever-increasing amount of student data available in e-learning management systems allows one to track information about student activities, participation, and interactions in multiple courses. This allows one to resolve arising challenges in education. The ultimate goal of machine learning in education is to foster student success and increase graduation and retention rates. Nevertheless, these intelligent systems need to be fully supported by the educational institution, which is responsible for providing educators with the tools and resources necessary to intervene. The revolution of new online courses, and particularly massive open online courses (MOOCs), calls for new machine learning approaches that can resolve the new challenges of education in the 2020s.

Dr. Alberto Cano

*Guest Editor*





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## Message from the Editor-in-Chief

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