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.

Guest Editors

Dr. Georgios Kostopoulos

Educational Software Development Laboratory (ESDLab), Department of Mathematics, University of Patras, Agrinio, Greece

Dr. Sotiris Kotsiantis

Educational Software Development Laboratory (ESDLab), Department of Mathematics, University of Patras, Rio, Greece

Deadline for manuscript submissions

closed (31 January 2022)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/68567

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

