The Journal of Educational Data Mining (JEDM; ISSN 2157-2100) is an international and interdisciplinary forum of research on computational approaches for analysing electronic repositories of student data to answer educational questions.

Educational Data Mining is an emerging discipline, concerned with developing methods for exploring the unique types of data that come from educational settings, and using those methods to better understand students, and the settings in which they learn.

The journal welcomes basic and applied papers describing mature work involving computational approaches of educational data mining. Specifically, it welcomes high-quality original work including but not limited to the following topics:

- processes or methodologies followed to analyse educational data,
- integrating the data mining with pedagogical theories,
- describing the way findings are used for improving educational software or teacher support,
- improving understanding of learners’ domain representations, and
- improving assessment of learners’ engagement in the learning tasks.

From time to time, the journal also welcomes survey articles, theoretical articles, and position papers, in as much as these articles build on existing work and advance our understanding of the challenges and opportunities unique to this area of research.

All papers should describe the supporting evidence in ways that can be verified or replicated by other researchers to a large extent. It is encouraged, though not required, for researchers to make their data sets, software code, and intermediate results available to the community for inspection and re-use. Submitted papers should also detail the data mining/modeling/analysis component of the submitted work clearly and include discussions of the findings in relation to educational questions.

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Submission

Call for Papers

The Journal of Educational Data Mining (JEDM; ISSN 2157-2100) is a new international and interdisciplinary forum of research on computational approaches for analysing electronic repositories of student data to answer educational questions. A number of workshops and a new conference emerged to provide a forum for researchers and practitioners from all disciplines involved (such as Data Mining, Education, Psychometrics, eLearning technologies, Artificial Intelligence in Education) to share and discuss their work. The goal of JEDM is to provide this community with a space to publish and access archival high-quality research papers.

JEDM published its first issue in November 2009 and is published online and free of charge. The journal welcomes basic and applied papers describing mature work involving computational approaches of educational data mining. Specifically, it welcomes high-quality original work including but not limited to the following topics: processes or methodologies followed to analyse educational data, integrating the data mining with pedagogical theories, describing the way findings are used for improving educational software or teacher support, improving understanding of learners’ domain representations, and improving assessment of learners’ engagement in the learning tasks. From time to time, the journal also welcomes survey articles, theoretical articles, and position papers, in as much as these articles build on existing work and advance our understanding of the challenges and opportunities unique to this area of research.

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Submissions should be emailed as PDF to jedm.editor@gmail.com. Author guidelines and reviewing process will be found on our website: http://www.educationaldatamining.org/JEDM.

All articles undertake rigorous peer review by at least three anonymous referees. Editors will aim for a prompt overall reviewing process. It is the policy of the journal that no submission, or substantially overlapping submission, be published or be under review elsewhere. Papers extending previously published conference papers are acceptable, as long as the JEDM submission provides a significant contribution beyond the conference paper and that the overlap is explained clearly in the JEDM submission, with the unique contribution(s) of the JEDM submission contrasted with that of the other paper(s).

**Submission Guidelines**

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All papers should describe the supporting evidence in ways that can be verified or replicated by other researchers to a large extent. It is encouraged, though not required, for researchers to make their data sets, software code, and intermediate results available to the community for inspection and re-use. Submitted papers should also detail the data mining/modeling/analysis component of the submitted work clearly and include discussions of the findings in relation to educational questions.

All articles undertake rigorous peer review by at least three anonymous referees. Editors will aim for a prompt overall reviewing process.

It is the policy of the journal that no submission, or substantially overlapping submission, be published or be under review elsewhere. Papers extending previously published conference papers are acceptable, as long as the JEDM submission
provides a significant contribution beyond the conference paper and that the overlap is explained clearly in the JEDM submission, with the unique contribution(s) of the JEDM submission contrasted with that of the other paper(s).

Articles should be submitted by email to: jedm.editor@gmail.com.

Article submissions should be formatted in accordance with the ACM journal guidelines, with two exceptions:

1. ACM Copyright text should not be included, as we are not currently affiliated with ACM (Application pending)
2. Authors should not include Categories and Subject Descriptors, or General Terms. Instead, there should be a single category of Keywords.
3. Authors' addresses and email addresses should be included under the title with the affiliation.

Submission format may change without notice; however, submissions received shortly after any switch in format will still be considered for publication, with no prejudice.

**Review Process**

Upon submission, the editor will verify that the article can be read and is within the scope of the journal. Then an Associate Editor will take responsibility for handling the review process. The Associate Editor sends the title and abstract of the article to JEDM’s Editorial Board as well as other qualified referees, in order to solicit volunteers for a review. The full article is then assigned to 3-4 carefully selected and balanced reviewers. The Associate Editor will study the reviews that are returned, and make an overall recommendation to the Editor. Upon the receipt of all reviews, the Editor compiles a summary review which is being sent both to the authors and to all reviewers in anonymous form.

This extensive exploitation of electronic communication and electronic publishing benefits the authors, the editor, the reviewers, and the publisher. Reviewers do not receive papers unexpectedly, but are informed about incoming submissions and can pick those papers in which they are interested and which they are willing to review within a certain period of time. Both the quality and the punctuality of the reviews are thereby considerably improved. JEDM aims at evaluating papers within three months.

The reviewers will be asked to answer the following questions:

- How relevant is this submission to the scope of JEDM? (if applicable: to the targeted special issue?)
- How novel is the described research? Are the authors aware of related work?
• What is the scientific contribution of this submission? Is it clearly explained, in terms of how the paper advances the EDM field or contributes to related fields?
• Is the work technically sound? Are there enough methodological details? Are claims convincingly substantiated, either through theoretical argument or empirical data?
• Do the authors describe the limitations of their approach in a satisfactory manner?
• How significant is the research? Will the paper be likely to have an impact on the community?
• Does the title of this paper clearly and sufficiently reflect its contents?
• Are the presentation, organization and length satisfactory?
• Can you suggest additions or amendments or an introductory statement that will increase the value of this paper?
• Can you suggest any reductions in the paper, or deletions of parts?
• Are the illustrations and tables necessary and acceptable?
• Are the key words and abstracts/summary informative?