

Special Issue

Data Science Education: Recent Advances and Future Challenges

Message from the Guest Editors

Data science has emerged as an interdisciplinary field that attempts to make sense of the exponential growth of data in society and our dependence on it. Since its formal conception as an area, data science has drawn on techniques from many research fields, highlighting statistics, mathematics, information science, and computer science. In recent years, the academic community is making an effort to establish the foundations of the educational aspects related to this discipline. Thus, traditional research related to mathematics or statistics education is conditional upon new guidelines that emphasize data-based information—structured or not, large or small—that can be analyzed from different viewpoints, including statistics, data mining, machine learning, and predictive analytics, among others. In this Special Issue we want to address the bases for the construction of a specific framework for data science education, focused on good practices for teaching and learning in this area.

Guest Editors

Prof. Dr. José Miguel Contreras García

Department of Didactics of Mathematics, University of Granada, 18010 Granada, Spain

Prof. Dr. Elena Molina Portillo

Department of Didactics of Mathematics, University of Granada, 18010 Granada, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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