Special Issue

Educational Data Mining and Technology

Message from the Guest Editors

One field that has attracted significant interest in recent years in this broad scope of big data is the area of education. Indeed, big data in education has evolved from pure educational data mining, and now has the ability to support students and policy makers while making decisions to improve the educational processes and learning outcomes.Therefore, a challenge in this area, like in many others, is understanding how this data can be effectively mined and categorized to produce a dataset that is well suited to big data applications and learning analytics. A broad range of data mining techniques can be utilized for big data in education. This Special Issue will aim to address this gap in the current literature, and seeks contributions from learned academics in the field on their approaches to the educational data mining of learning data, and how it is subsequently used for big data applications and the generation of learning analytics. Papers on new data sources produced by technology are also welcome, as are papers that focus on education and the relationship it has with cloud computing or big data.

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Deadline for manuscript submissions

closed (30 November 2021)

Big Data and Cognitive Computing

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 7.1

mdpi.com/si/54234

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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