

Special Issue

Data Modeling for Big Data Analytics

Message from the Guest Editors

Since the 1990s, data modeling for BI has mainly meant multidimensional modeling, which has been a key to access the benefits of OLAP [DM1] querying in data warehouses. Nowadays, the increase in analytics and big data technologies asks for a review and extension of the classical multidimensional paradigm and paves the way to new solutions tailored for the emerging user needs and for the specific technological features of big data platforms. In this context, we seek for original submissions that contribute novel approaches, solutions, methods, languages, and applications on the following topics:

- Data modeling in the context of conceptual design of data warehouses, analytics, and business intelligence applications, in presence of big data sources
- Data modeling in the context of logical design of data warehouses, analytics, and business intelligence applications, when the target platform is a big data one
- Design methodologies related to the above mentioned data models
- Techniques for efficiently querying and accessing the above mentioned data models

Guest Editors

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Informatics (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development. *Informatics* publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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