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Data Modeling for Big Data Analytics

Guest Editors:

Prof. Dr. Matteo GOLFARELLI

Department of Computer Science
and Engineering, University of
Bologna, 47522 Cesena, Italy

Prof. Stefano RIZZI

Department of Computer Science
and Engineering, University of
Bologna, 40126 Bologna, Italy

Deadline for manuscript
submissions:

closed (31 December 2018)

Message from the Guest Editors

Dear Colleagues,

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



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Special Issue



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Editor-in-Chief

Prof. Dr. Antony Bryant

School of Built Environment,
Engineering, and Computing,
Leeds Beckett University, Leeds
LS6 3QS, UK

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Informatics Editorial Office
MDPI, Grosspeteranlage 5
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