



Big Data: Multidimensional Design and Modeling

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Message from the Guest Editor

Dear Colleagues,

Big Data generate and transfer very rapidly, and are too unstructured for the traditional information systems to handle. In less than a decade, Big Data has been established as a fundamental and essential component of information systems and, especially, decision-support systems. The combination of Big Data and Data Mining has created new business opportunities and new solutions to difficult problems.

Big Data usually relies on relational and non-relational data models. The volume, velocity, and variety of Big Data demand new modelling techniques and frameworks to be able to cope with the challenges of Big Data. For that reason, it is essential to rethink the existing modelling approaches, and either enhance the existing ones or develop new ones.

The purpose of this Special Issue is to compile a collection of scientific papers addressing the latest developments and efforts in the modelling of Big Data by the research community. Papers combining a high academic standard coupled with a practical focus on the field are welcomed.

Prof. Dr. Sergio Luján-Mora

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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