

Special Issue on “Big Data for Decision Making”

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Mentioning of Big Data, a highly popular term, evokes two imageries: contemporary Big Data *technologies* focused on the Hadoop eco-system (as a suite of technologies, programming and management) or on the Big Data *Analytics* (based around extensive statistical techniques such as predictive analytics, net promoter score – NPS – and so on). There is, however, a significant lacuna in the Big Data space in terms of discussions around business strategies that would enable organizations of varying sizes, types, products and services to capitalize on the Big Data revolution. Furthermore, Big Data with its insightful support to decision making can also render a business Agile. Agility itself is a business value proposition that easily transcends its original meaning as predominantly a methodical approach to developing a solution¹. The business-technology domain thus finds itself amidst the plentiful availability of data and technologies and their potential use to render a business Agile. Such strategic utilization of data requires deep understanding of current state of the business, its directions, its capabilities (both architectural and human), as well as intelligent and dynamic risk analysis. As the volume and velocity of data grow, businesses demands the development of both short and long- term strategies in order to make sense out of them for decision making.

This special issue is focused on the ever important mapping of Big Data technologies and analytics to business strategies. Authors are invited to base their arguments around the known technologies and analytics – but still focus on the generation of business values. Risks associated with such business strategies is also a welcoming part of this discussion. All thoughts that bring big data analytics and technologies together in a strategic manner to render a business ‘agile’ are welcome.

Topics of interest include, but are not limited to, the following:

- New ways / strategies for making decisions based on Big data insights / analytics
- Developing Big Data strategies for Agile business
- Interdependencies between Big data technologies and analytics
- Impact of Social media on utilizing Big data
- Role of Mobile devices and Cloud in creating and using Big Data
- Redesigning business processes and practices by using Big Data
- Risks and challenges of Big data adoption by Businesses
- Case studies / Experience reports around Big data utilization

¹ Unhelkar, B., 2013, *The Art of Agile Practice*, CRC Press, USA.



Timelines are as follows:

Deadline for initial submission: September 30th, 2016
Time for the first round decision: November 15th, 2016
Deadline for submitting revisions: December 30th, 2016
Second round review decision: January, 30th, 2017
Deadline for submitting revisions: February 15th, 2017
Time for the final decision: February 28th, 2017
Expected publication date: March, 2017

Submission instructions:

Authors are invited to submit original and unpublished papers. All prospective authors are invited to obtain early feedback on possible submissions by e-mailing an abstract to the corresponding editor.

All submissions will be peer-reviewed and judged on correctness, originality, technical strength, significance, quality of presentation, and relevance to the special issue topics of interest. Submitted papers to this special issue of JIDPS may not have appeared in or be under consideration for another workshop, conference or a journal, nor may they be under review or submitted to another forum during the review process. Papers of an appropriate standard not included in the special issue may be considered for publication in a regular issue of JIDPS. Manuscripts should be submitted through the journal editorial management system: <https://jidps.rndsphere.com>, using a paper template that can be downloaded from the same website.

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