Call for papers

International Journal of Data Science and Analytics

Special issue: Social Mining and Big Data for Open Data Science

Data Science is rapidly changing the way we do business, socialize, conduct research, and govern society. It is also changing the way scientific research is performed. A new paradigm is emerging, where theories and models and the bottom up discovery of knowledge from data mutually support each other. Experiments and analyses over massive datasets are functional not only to the validation of existing theories and models, but also to the data-driven discovery of patterns emerging from data, which can help sciendi aver fatto lo scritto inutilmente e di tists design better theories and models, yielding deeper understanding of the complexity of social, economic, biological, technological, cultural and natural phenomena. We can state that Data science is emerged as a disruptive consequence of the digital revolution.

Based on the above observations, this special issue solicits contributions from researchers and practitioners in data mining and other disciplines to share their recent research in big data analytics and data science applications. This special issue is interested in contributions that link data mining and machine learning research especially using social data in original and ethical way, from their collection to their exploitment. Furthermore, this special issue is devoted to describe how the emerging research infrastructures and the associated data science research activities reach out social mining research.

Topics of Interest:
The special issue invites submissions on all topics of Social Mining and Big Data for Open Data Science, including but not limited to:
- Big data analytics and its applications
- The ethical and legal aspects of data science and big data analytics
- Experiences within data science research infrastructures
- Explainable Artificial Intelligence
- Social and Complex Network Analysis
- Human Mobility analysis and modelling

Guest Editors:

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Deadline extended to September 30, 2019

Important Dates:
- Paper submission due: July 15, 2019
- First round review notification: July 31, 2019
- Further rounds of submission may be required based on previous review outcomes
- Special issue to be published online: November 2019

Submission Guidelines:

Papers submitted to this special issue for possible publication must be original and must not be under consideration for publication in any other journal or conference.

All manuscripts must be prepared according to the journal publication guidelines which can also be found on the website (http://www.springer.com/41060). Papers will be reviewed following the journal standard review process.