Call for Book Proposals ~

Data Analytics Book Series

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Aims and Goals:
Building and promoting the field of data science and analytics in terms of publishing work on theoretical foundations, algorithms and models, evaluation and experiments, applications and systems, case studies, and applied analytics in specific domains or on specific issues.

Specific Topics:
This series encourages proposals on cutting-edge science, technology and best practices in the following topics (but not limited to):

- Data analytics, data science, knowledge discovery, machine learning, big data, statistical and mathematical methods for data and applied analytics,
- New scientific findings and progress ranging from data capture, creation, storage, search, sharing, analysis, and visualization,
- Integration methods, best practices and typical examples across heterogeneous, interdependent complex resources and modal for real-time decision-making, collaboration, and value creation.

Suggested Titles for Proposals:

- Introduction to data science
- Data science fundamentals
- Applied analytics
- Advanced analytics: concepts and applications
- Banking data analytics
- Behavior analytics
- Big data analytics
- Biomedical data analytics
- Business analytics
- Computational intelligence methods for data science
- Data visualization
- Data optimization
- Data representation
- Educational data analytics
- Environmental data analytics
- Feature selection and mining
- Financial data analytics
- Government data analytics
- Health data analytics
- Heterogeneous data analytics
- High performance analytics
- In-memory analytics
- Insurance data analytics
- Learning analytics
- Mobile analytics
- Model optimization
- Multimedia analytics
- Network analytics
- Non-iidness learning
- Predictive analytics
- Prescriptive analytics
- Scientific data analytics
- Service analytics
- Smart cities
- Statistics for data science
- Social analytics
- Social security data analytics
- Smart city and analytics
- Spatial-temporal data analytics
- Telco data analytics
- Textual data analytics
- Transport data analytics
- Visual analytics

Proposals for advanced level textbooks, research monographs, reference books, coherently integrated multi-author edited books, and handbooks will be considered for the series. Each proposal will be reviewed by the Series Editor, and/or editorial board members, with additional reviews from independent reviewers where appropriate.

Submit your proposal to

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Proposal Form on Reverse Side
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**Project overview**

Authors/Editors (include office address, phone and e-mail and a direct link to CV):

Title of Book:

Type of Book: is your book a textbook, handbook, research monograph, edited volume?

Estimated number of pages:

Estimated manuscript completion date:

Please attach a proposed Table of Contents and, if available, a Sample Chapter

Will there be supplementary material such as software, dedicated website, solutions manual, etc?

**Description of your book**

Describe the contents, aims, and importance of your book, using the following questions as a guide. Feel free to write as much as you like, but we will need at least one paragraph.

Which new results, methods, or information are of particular interest?

List 3-5 key features of your book and their corresponding benefits to readers.

Provide a minimum of 10 keywords that might be used in a Web search for your book.

**Readership of your book**

Primary audience. Include disciplines, technical level of audience, and features of the book that would appeal specifically to this audience

Secondary audience. Include the same information as above:

To which Professional Societies would your readers belong?

Which conferences might your readers attend?

Is your book of interest primarily to academics or professionals, or both?

**Competitive titles**

Are there other books of similar content and level presently on the market? Please identify at least 3 and provide: author, title, length, year, price, and publisher. Why is your book more useful and valuable to readers?

**Classroom/Course use**

List below those courses in which your book may be used, if any: course title, level, estimated enrollment, main text, supplemental reading. For such a course what book(s) do you presently use as the core text?

**Referrals**

If there are individuals whose comments would benefit your book, list their names and contact information.

**Other remarks and suggestions?**