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Topics to be covered:

- AI applications and Innovations.
- AI for Big Social Data Analysis.
- AI for Business data analytics.
- AI for massive scale data science.
- AI for Data Stream Mining.
- AI in securing Data.
- AI in Data informatics.
- Artificial Intelligence for knowledge management and big data, data analytics.
- Big Special Data Analytics.
- Big Data Fusion using AI.
- Case studies of use of data science and AI applications in engineering, healthcare, business.
- Cost Modeling using AI.
- Data Science and AI in e-Government and Society.
- Data Science for Industry 4.0
- Data Science Visualization using AI.
- Deep Learning for Data Intelligence.
- IoT sensor Data Analysis and Fusion.
- Optimization for machine Learning and Data mining in Big Data.
- Performance Tuning and optimization for Big Data Using AI.
- Research trends, challenges, and the future of AI in Data Science.

All Accepted Papers will be sent to SCOPUS for Indexing

Important Dates:

Abstract submission deadline:

Abstract Acceptance Deadline:

Full Chapter Submission:

Review Notification:

Revised version submission Deadline:

Final Decision Notification:

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CRC Press
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Call for Book Chapter

**Industry 4.0: Research Trends, Challenges
and Future of AI in Data Science**

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This book is going to be one of the Artificial Intelligence and Data Science books that will quite clearly describe the different theoretical and practical aspects of Machine Learning and Data Science Techniques. This book will have simple and understandable descriptions for the different algorithms, with visual examples. Certain facets of AI and Data Science that researchers should think about, aside from studying the technology itself for business applications, are the scientific, sociological, legal, humanitarian and other principles. This book will help the researchers appreciate certain facets of AI and Data Science for a wider view, as well as help them engage in deep and smart conversations with peers. This book will allow its readers to get an overview of the AI and Data Science algorithms and appreciate them. This is intended to teach AI and Data Science to those who lack a comprehensive mathematical history. Fundamental AI and Data Science algorithms will be covered in detail, such as linear regression, clustering, dimensionality and distance metrics etc. The algorithms and their approaches will be explained through numerical calculations that can be done by the researchers themselves and by fascinating examples and use cases.