Book Series

EAI/Springer Innovations in Communication and Computing

Title of the Book

Intelligent Analytics for Social Well Being: Principles, Methods, Applications and Challenges

Introduction

This book will highlight state of the art and challenges related to the design and the application of machine learning and data-analytics methods to solve decision-making problems faced by the society. As data becomes more common and available in society, data processing and analysis are increasingly important. In the Big Data era, the variety, volume and velocity of data increase tremendously. As a result of the exponential growth of data in recent years, the combined notions of big data and AI have given rise to many study areas, such as scale-up behavior from classical algorithms. Furthermore, combining numerous AI technologies from other areas in order to build efficient and durable systems that interact in the real world is a new problem.

This book aims to stress the applications of advances in data processing techniques and methods for Artificial Intelligence in today's fast and challenging world, as well as to serve society through research, innovation, development and technology advancement in this field. This book is applicable to a wide range of data that contribute to Data Science concerns and can be used to promote research in this high-potential new field. This book will go to great depth concerning the fast-growing topic of theories, techniques and approaches of machine learning and deep learning for data processing and analysis.

Topics Covered

Following are the recommended topics, but not limited to:

1. Social media analytics
2. Smart Agriculture analytics
3. Network Security analytics
4. Smart Health care analytics

5. Robotics and automation analytics
6. Medical Imaging analytics
7. Human activity analytics
8. Bio Informatics analytics
9. Cognitive Science analytics
10. Physical science analytics
11. Real time analytics
12. Scientific data analytics
13. Communication engineering analytics
14. Industrial applications analytics
15. Mechanical failure analytics
16. Chemical data analytics
17. Mathematics for data analytics
18. Intelligent system analytics
19. Wireless communication analytics
20. Ambient environment analytics
21. Web analytics
22. Environment sustainable analytics

Submission Guidelines

Manuscripts submitted for the book must be original, must not be previously published or currently under review anywhere. Submitted manuscripts should respect the standard guidelines of the Springer book chapter format. Manuscripts must be prepared using Latex, or Word, and according to the Springer requirements that can be downloaded from the (https://resource-cms.springernature.com/springer-cms/rest/v1/content/3318/data/v6) and the Chapter should contain in between 18-25 pages.

Note: Similarity index should not be more than 15 % (with maximum 2% from any single source)

Contact: All questions/queries about submissions, please email to Dr. S. Sivakumar

All submissions should be done via EasyChair:

https://easychair.org/conferences/?conf=iaswb4

There are no submission or acceptance fees for manuscripts submitted to this book publication. All manuscripts are accepted based on a double-blind peer review editorial process.

Abstracting and Indexing:

The accepted chapters will be published in "EAI/Springer Innovations in Communication and Computing - EAISICC" by Springer and highly indexed in Scopus, EI Compendex, SCImago and zbMATH.

Important Dates

Page write-up (Abstract with Title and TOC): 20th February, 2023

Preliminary Acceptance Notification: 28th February, 2023

Full Chapter Submission: 30th April, 2023

Revised Chapter Submission: 30th June, 2023

Acceptance Notification: 30th July, 2023

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