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A HAND BOOK ON INTELLIGENT DATA ANALYTICS



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IIPER1676967995



Iterative International Publishers
Novi, Michigan, USA
Chikkamagaluru, Karnataka, India

Imprint IIP

Registered publisher under Rajaram Mohun Roy Agency,
Government of India and also under Bowker My agency,
identifiers USA

"Best Publisher Award 2022" in survey conducted
by "Kites Kraft"

Important Dates:

Brochure design and promotion : 20th June 2023
First call for chapters announcements: 30th July 2023
Second call for chapters Announcements: 31st August 2023
Chapter Submission Date : 30th September 2023
Chapter Acceptance Notification : 31st October 2023
Final version of Chapter after : 30th November 2023
Revision
Book in Press : 15th January 2023

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Call for Chapters

A Hand Book on Intelligent Data Analytics

Aim & Scope

The aim of this book is to provide intelligent data analytics for the agriculture sector. Agriculture is the backbone for our country which is an art and science of cultivation and harvesting grains or crops based on the nature of soil. Intelligent Data Analytics (IDA) is a field of study that combines traditional data analysis techniques with artificial intelligence (AI) technologies, such as machine learning and natural language processing. IDA is used to discover meaningful insights from large, complex datasets and to make predictions based on patterns and trends in the data. In Agriculture, IDA can help farmers, marketers, identify patterns in plot growth data to make more accurate diagnoses and develop more effective treatment plans. Some of the key techniques used in IDA include data mining, predictive analytics, and machine learning. Data mining involves extracting useful information from large datasets, while predictive analytics uses statistical models to make predictions about future outcomes. Machine learning involves training algorithms to learn from data and make predictions or decisions based on that learning.

Scope of the Book

A Hand book of Intelligent Data Analytics focuses on exploring the application of Artificial Intelligence (AI) techniques in data analysis across multiple disciplines. These techniques include a broad range of activities such as data visualization, data pre-processing, database mining, big data applications, evolutionary algorithms, machine learning, and knowledge filtering. This book has the advancement of new AI-related data analysis methodologies, techniques, architectures and their real-world applications in different domains. The scope also encompasses the use of domain knowledge in data analysis, statistical pattern recognition, and post-processing

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