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Bikas Kumar Sinha, Md. Nurul Haque Mollah (Eds.)

# Data Science and SDGs

## Challenges, Opportunities and Realities

- Unifies the literature on data science and SDGs and provides analytical insights
- Presents the fundamental and basic statistical methods related to data science that can be applied for measuring, controlling and implementing the SDGs
- Introduces important results in an integrated manner and highlights topics that need further research

The book presents contributions on statistical models and methods applied, for both data science and SDGs, in one place. Measuring and controlling data of SDGs, data driven measurement of progress needs to be distributed to stakeholders. In this situation, the techniques used in data science, specially, in the big data analytics, play an important role rather than the traditional data gathering and manipulation techniques. This book fills this space through its twenty contributions. The contributions have been selected from those presented during the 7th International Conference on Data Science and Sustainable Development Goals organized by the Department of Statistics, University of Rajshahi, Bangladesh; and cover topics mainly on SDGs, bioinformatics, public health, medical informatics, environmental statistics, data science and machine learning. The contents of the volume would be useful to policymakers, researchers, government entities, civil society, and nonprofit organizations for monitoring and accelerating the progress of SDGs.

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