Applied Big Data Analytics in Operations Management

Part of the Advances in Business Information Systems and Analytics Book Series

Manish Kumar (Indian Institute of Information Technology, Allahabad, India)

Description:

Operations management is a tool by which companies can effectively meet customers' needs using the least amount of resources necessary. With the emergence of sensors and smart metering, big data is becoming an intrinsic part of modern operations management.

Applied Big Data Analytics in Operations Management enumerates the challenges and creative solutions and tools to apply when using big data in operations management. Outlines revolutionary concepts and applications that help businesses predict customer behavior along with applications of artificial neural networks, predictive analytics, and opinion mining on business management.

Readers:

This comprehensive publication is ideal for IT professionals, software engineers, business professionals, managers, and students of management.

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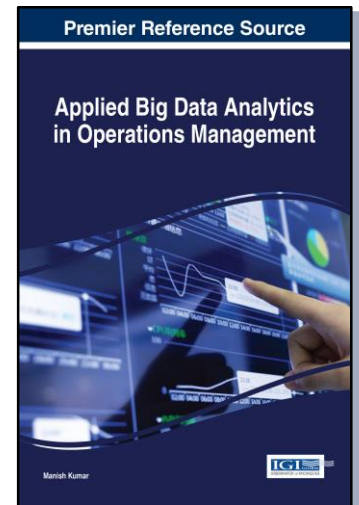
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- Customer-Centric Business
- Educational Systems
- Maintenance Data

- Neural Networks
- Opinion Mining
- Predictive Analytics
- Semi-Structured Data

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Table of Contents

Foreword

Preface

Acknowledgment

Compilation of References

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Index

Manish Kumar received his PhD degree on Data Management in Wireless Sensor Networks from Indian Institute of Information Technology, Allahabad India in 2011. He received his M.Tech in Computer Science from Birla Institute of Technology, Mesra (Ranchi) India. He is a professional member of IEEE and ACM. Currently he is working as an Assistant Professor in Department of Information Technology at Indian Institute of Information Technology, Allahabad India. His research interest includes data mining and warehousing, data management in wireless sensor networks and big data analytics. He has contributed in a number of books in the same areas and has many national and international publications in renowned journals and conferences.