Big Data Applications in the Telecommunications Industry
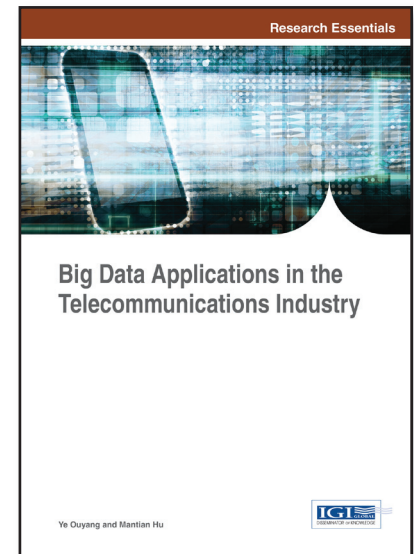
Part of the Advances in Wireless Technologies and Telecommunication Book Series

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Research Essentials

Big Data Applications in the Telecommunications Industry

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IGI

Description:

The growing presence of smart phones and smart devices has caused significant changes to wireless networks. With the ubiquity of these technologies, there is now increasingly more available data for mobile operators to utilize.

Big Data Applications in the Telecommunications Industry is a comprehensive reference source for the latest scholarly material on the use of data analytics to study wireless networks and examines how these techniques can increase reliability and profitability, as well as network performance and connectivity. Featuring extensive coverage on relevant topics, such as accessibility, traffic data, and customer satisfaction, this publication is ideally designed for engineers, students, professionals, academics, and researchers seeking innovative perspectives on data science and wireless network communications.

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Topics Covered:

- Anomaly Detection
- Co-Occurrence Data Modeling
- Consumer Feedback
- Customer Satisfaction and Retention
- Network Accessibility
- Social Networks
- Traffic Data

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