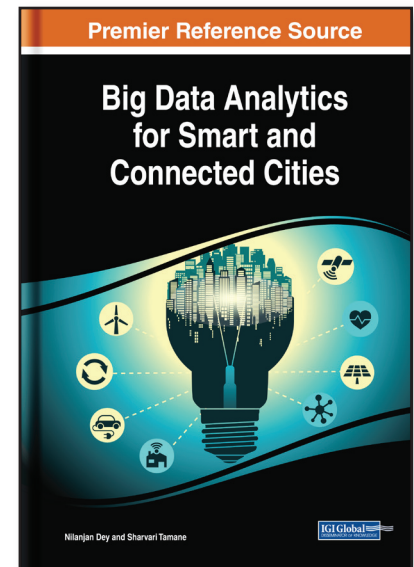# Big Data Analytics for Smart and Connected Cities

Part of the Advances in Civil and Industrial Engineering Book Series

Nilanjan Dey (Techno India College of Technology, India) and Sharvari Tamane (Jawaharlal Nehru Engineering College, India)

## Description:

To continue providing people with safe, comfortable, and affordable places to live, cities must incorporate techniques and technologies to bring them into the future. The integration of big data and interconnected technology, along with the increasing population, will lead to the necessary creation of smart cities.

**Big Data Analytics for Smart and Connected Cities** is a pivotal reference source that provides vital research on the application of the integration of interconnected technologies and big data analytics into the creation of smart cities. While highlighting topics such as energy conservation, public transit planning, and performance measurement, this publication explores technology integration in urban environments as well as the methods of planning cities to implement these new technologies. This book is ideally designed for engineers, professionals, researchers, and technology developers seeking current research on technology implementation in urban settings.

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## Topics Covered:

- Air Pollution Modelling
- Cloud Computing
- Data Clustering
- Database Security
- Energy Conversation
- Internet of Things
- Performance Measurement
- Public Transit Planning
- Smart Waste Management System
- Technology Integration
- Vehicle Control Systems

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