Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science

Part of the Advances in Computer and Electrical Engineering Book Series

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Description:
Fog computing is quickly increasing its applications and uses to the next level. As it continues to grow, different types of virtualization technologies can thrust this branch of computing further into mainstream use.

The Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science is a key reference volume on the latest research on the role of next-generation systems and devices that are capable of self-learning and how those devices will impact society. Featuring wide-ranging coverage across a variety of relevant views and themes such as cognitive analytics, data mining algorithms, and the internet of things, this publication is ideally designed for programmers, IT professionals, students, researchers, and engineers looking for innovative research on software-defined cloud infrastructures and domain-specific analytics.

ISBN: 9781522559726  Release Date: May, 2018  Copyright: 2018  Pages: 400

Topics Covered:
- Artificial Intelligence
- Cognitive Analytics
- Data Mining Algorithms
- Deep Learning Algorithms
- Fog Infrastructures
- Internet of Things
- Machine Learning Algorithms
- Natural Language Processing
- Neural Networks
- Predictive Analytics

Hardcover: $245.00  E-Book: $245.00  Hardcover + E-Book: $295.00