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Handbook of Research on Cloud Infrastructures for Big Data Analytics



Part of the Advances in Data Mining and Database Management Book Series

Pethuru Raj (IBM, India) and
Ganesh Chandra Deka (Ministry of Labour and Employment, India)

Clouds are being positioned as the next-generation consolidated, centralized, yet federated IT infrastructure for hosting all kinds of IT platforms and for deploying, maintaining, and managing a wider variety of personal, as well as professional, applications and services.

Handbook of Research on Cloud Infrastructures for Big Data Analytics focuses exclusively on the topic of cloud-sponsored big data analytics for creating flexible and futuristic organizations. This book helps researchers and practitioners, as well as business entrepreneurs, to make informed decisions and consider appropriate action to simplify and streamline the arduous journey towards smarter enterprises.

Topics Covered:

- Cloud Platforms and Infrastructures
- Cloud Capacity Planning
- Cloud Database Systems (NoSQL, NewSQL, and Hybrid)
- Data Integration as a Service
- Data Virtualization and Governance
- Data Mining and Predictive Analytics in the Cloud
- Big Data Architectures

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