

# Advanced Deep Learning Applications in Big Data Analytics

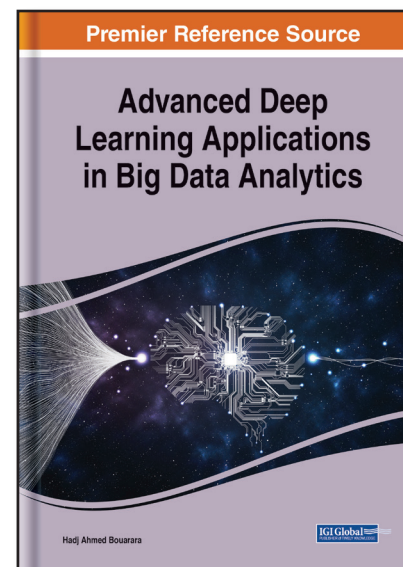
Part of the Advances in Data Mining and Database Management Book Series

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## Description:

Interest in big data has swelled within the scholarly community as has increased attention to the internet of things (IoT). Algorithms are constructed in order to parse and analyze all this data to facilitate the exchange of information. However, big data has suffered from problems in connectivity, scalability, and privacy since its birth. The application of deep learning algorithms has helped process those challenges and remains a major issue in today's digital world.

**Advanced Deep Learning Applications in Big Data Analytics** is a pivotal reference source that aims to develop new architecture and applications of deep learning algorithms in big data and the IoT. Highlighting a wide range of topics such as artificial intelligence, cloud computing, and neural networks, this book is ideally designed for engineers, data analysts, data scientists, IT specialists, programmers, marketers, entrepreneurs, researchers, academicians, and students.



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## Topics Covered:

Algorithms  
Artificial Intelligence  
Big Data  
Bioinspiration  
Cloud Computing  
Deep Learning

Internet of Things  
Machine Learning  
Neural Networks  
Pattern Recognition  
Privacy

**Subject:** Computer Science and Information Technology

**Classification:** Edited Reference

**Readership Level:** Advanced-Academic Level (Research Recommended)

**Research Suitable for:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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