

State of the Art Perspectives in Computing and Applications: Chapman & Hall/CRC



Smart Data: State-of-the-Art Perspectives in Computing and Applications (Chapman & Hall/CRC Big Data Series) by Andrew Curry

★★★★★ 5 out of 5

Language : English
File size : 22848 KB
Print length : 428 pages
Screen Reader : Supported
Item Weight : 11.4 ounces
Dimensions : 6.3 x 0.39 x 8.66 inches
X-Ray for textbooks : Enabled



This book presents state-of-the-art perspectives on Computing and Applications. The chapters are survey papers on original works and focus on emerging topics in the field of Computing and Applications. The topics covered include machine learning, artificial intelligence, computer vision, data mining, and more.

Table of Contents

- Chapter 1: Machine Learning for Computer Vision
- Chapter 2: Artificial Intelligence for Natural Language Processing
- Chapter 3: Computer Vision for Autonomous Vehicles
- Chapter 4: Data Mining for Healthcare Applications

- Chapter 5: Cloud Computing for Big Data Analytics

Chapter 1: Machine Learning for Computer Vision

This chapter surveys the state-of-the-art in machine learning for computer vision. It covers the following topics:

- Image classification
- Object detection
- Image segmentation
- Video analysis

Chapter 2: Artificial Intelligence for Natural Language Processing

This chapter surveys the state-of-the-art in artificial intelligence for natural language processing. It covers the following topics:

- Natural language understanding
- Natural language generation
- Machine translation
- Information extraction

Chapter 3: Computer Vision for Autonomous Vehicles

This chapter surveys the state-of-the-art in computer vision for autonomous vehicles. It covers the following topics:

- Object detection and tracking
- Lane detection and tracking

- Traffic sign recognition
- Obstacle avoidance

Chapter 4: Data Mining for Healthcare Applications

This chapter surveys the state-of-the-art in data mining for healthcare applications. It covers the following topics:

- Disease diagnosis
- Treatment recommendation
- Drug discovery
- Healthcare fraud detection

Chapter 5: Cloud Computing for Big Data Analytics

This chapter surveys the state-of-the-art in cloud computing for big data analytics. It covers the following topics:

- Cloud computing architectures for big data analytics
- Big data analytics platforms
- Big data analytics applications
- Challenges and future directions

This book provides a comprehensive overview of the state-of-the-art in Computing and Applications. It is an essential resource for researchers, students, and practitioners in these fields.



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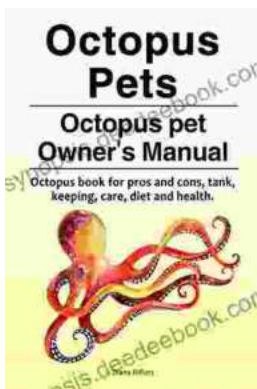
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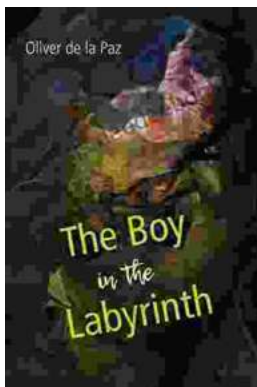
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