Computer Information Systems and Industrial Management: A Comprehensive Guide

Computer Information Systems and Industrial Management: 18th International Conference, CISIM 2024, Belgrade, Serbia, September 19–21, 2024, Proceedings (Lecture Notes in Computer Science Book 11703)

★★★★★ 5 out of 5

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In today's rapidly evolving business landscape, it is essential for organizations to effectively leverage technology to improve their operations and gain a competitive edge. Computer information systems (CIS) play a vital role in this regard, providing businesses with the tools they need to manage data, automate processes, and make informed decisions.

Industrial management is another critical aspect of business success, as it involves the efficient and effective use of resources to achieve organizational goals. By integrating CIS with industrial management practices, organizations can streamline their operations, improve productivity, and enhance overall profitability.

Chapter 1: Data Management

Data is the lifeblood of any organization, and effective data management is essential for ensuring that data is accurate, reliable, and accessible when needed. This chapter explores the various aspects of data management, including data collection, storage, security, and analysis.

- Data collection methods

- Data storage technologies

- Data security measures

- Data analysis techniques

Chapter 2: Process Automation

Process automation is the use of technology to automate repetitive or time-consuming tasks, freeing up human workers to focus on more strategic initiatives. This chapter examines the benefits of process automation, as well as the various tools and techniques used to implement it.

- Benefits of process automation

- Process automation tools

- Process automation techniques

- Case studies of successful process automation implementations

Chapter 3: Decision-Making Tools

Data and information are essential for making informed decisions, but it can be challenging to analyze large amounts of data and identify meaningful patterns. This chapter introduces a variety of decision-making tools, such

as spreadsheets, databases, and data visualization tools, that can help businesses make better decisions.

- Types of decision-making tools

- How to choose the right decision-making tool

- Using decision-making tools effectively

- Case studies of successful decision-making tool implementations

Computer information systems and industrial management are two essential components of modern business success. By integrating these two areas, organizations can streamline their operations, improve productivity, and enhance overall profitability. This book provides a comprehensive overview of the intersection of CIS and industrial management, providing businesses with the knowledge and tools they need to succeed in today's competitive environment.

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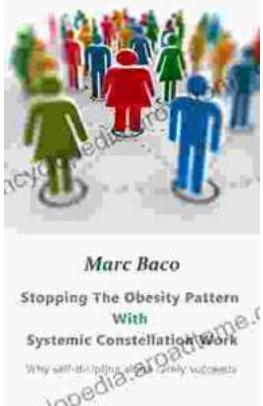Language   : English
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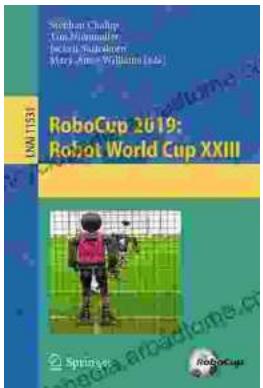Screen Reader   : Supported
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