



Blockchain and Cryptocurrency

Satya Prakash Yadav & Subiya Zaidi

2020	16 x 24	198 pp	Paperback	ISBN: 9788194867609	Price: 295.00
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About the Book

Blockchain is a system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system and this is done using Cryptography. A Cryptocurrency is a digital money that operates on the Blockchain technology. This book is intended to provide a detailed analysis of the effect of Blockchain and Cryptocurrency in the current market. It is designed with the focus to facilitate the students in understanding the working behind the raging technology. Blockchain and Cryptocurrency are vastly discussed nowadays in all research domains to bring decentralization. This book gives easy access to the complex terminologies revolving around the technology. Since this is a new course assigned in the curriculum, therefore special care is taken in drafting the units. The chapters have been written with reference to the past understanding of the students of cryptography and merging those concepts with the Blockchain technology.

The emphasis is laid on fundamental ideas and ease of understanding with suitable diagrammatic representation and real world examples. This book is self-contained and requires no comparison and analysis with other conceptual data. It can also be used by scholars who are beginners in the Blockchain technology and wish to dive deeper in its technological aspects. Numerous multiple choice questions at the back of each chapter are given to test the objective understanding of the concepts.

Salient Features

Standard and precise definitions and tips.
 Popular blockchain consensus protocols, their strengths, weaknesses and application scenarios through analysis and comparison.
 Several blockchain examples essential for engineering students.
 Hints and explanations are given in the solution of every problem.
 Imperative real examples

Table of Contents

1. Basics
2. Cryptography
3. Blockchain
4. Distributed Consensus
5. Cryptocurrency
6. Cryptocurrency Regulation
7. Blockchain Applications
- Index

About the Author

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