

1. Record Nr.	UNISA996464422303316
Autore	Gayvoronskaya Tatiana
Titolo	Blockchain : hype or innovation // Tatiana Gayvoronskaya, Christoph Meinel
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-61559-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (VIII, 126 p. 37 illus., 25 illus. in color.)
Disciplina	005.74
Soggetti	Blockchains (Databases)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. What Is Hidden Behind the Term "Blockchain"? -- 3. Technical Basics for a Better Understanding of Blockchain Technology -- 4. Where Does the Hype End, and Where Does the Innovation of Blockchain Technology Begin? -- 5. The Right Use Leads to Success -- 6. Projects and Application Areas of Blockchain Technology -- 7. Summary.
Sommario/riassunto	This book focuses on the innovation of blockchain technology and the advantages it offers. It provides a clear and comprehensive overview of blockchain technology and its possibilities, and thereby helps readers to form an opinion and draw their own conclusions about its potential exploitations. The book begins with a chapter on the topic of decentralized networks, which familiarizes readers with their challenges by using the example of an online trading platform. Hereinafter, it is then detailed what blockchain technology is, where it comes from, and how it works. The necessary underlying technologies are explained, and various individual approaches as well as their composition are presented. Using well-known examples such as Bitcoin and Ethereum as an illustration, the book looks at the architecture of blockchain technology and focuses on the challenges such as security and scalability. The options available when introducing blockchain technology are also outlined, and best-practice examples are presented to get a better idea of what areas benefit from this technology. Numerous examples and detailed explanations will accompany the

readers throughout the book. By the time they have reached the end, they will be able to decide for themselves what is truly innovative about blockchain technology and what is nothing more than hype.

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