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Titolo	Data Usability in the Enterprise : How Usability Leads to Optimal Digital Experiences / / by Praveen Gujar
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ISBN	9798868811838
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XLVIII, 501 p. 7 illus.)
Disciplina	621.3821 004.6
Soggetti	User interfaces (Computer systems) User-centered system design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part 1; Introduction to Data Usability -- Chapter 1: Concepts and Importance -- Chapter 2: Principles of Effective Data Design -- Chapter 3: Enhancing Data Accessibility for Use Cases -- Chapter 4: Data Standardization and Interoperability -- Part 2: Tools & Experience -- Chapter 5: Tools and Technologies for Improved Data Usability -- Chapter 6: Data Visualization: Techniques and Best Practices -- Chapter 7: User-Centric Data Strategies -- Part 3: Governance -- Chapter 8: Ensuring Data Quality and Integrity -- Chapter 9: Data Governance and Usability Frameworks -- Chapter 10: Navigating Data Privacy and Security Concerns -- Part 4: Industry Perspective -- Chapter 11: Case Studies: Success Stories in Data Usability -- Chapter 12: Future Trends in Data Usability and Innovation -- Chapter 13: Building a Culture of Data Literacy and Usability -- Chapter 14: Challenges in Achieving Data Usability -- Part 5: Future Trends -- Chapter 15: The Road Ahead for Data Usability -- Part 6: Conclusion -- Chapter 16: Conclusion.
Sommario/riassunto	Ensuring data usability is paramount to unlocking a company's full potential and driving informed decision-making. Part of author Saurav Bhattacharya's trilogy that covers the essential pillars of digital ecosystems—security, reliability, and usability—this book offers a comprehensive exploration of the fundamental concepts, principles, and practices essential for enhancing data accessibility and

effectiveness. You'll study the core aspects of data design, standardization, and interoperability, gaining the knowledge needed to create and maintain high-quality data environments. By examining the tools and technologies that improve data usability, along with best practices for data visualization and user-centric strategies, this book serves as an invaluable resource for professionals seeking to leverage data more effectively. The book also addresses crucial governance issues, ensuring data quality, integrity, and security are maintained. Through a detailed analysis of data governance frameworks and privacy concerns, you'll see how to manage data responsibly. Additionally, the book includes compelling case studies that highlight successful data usability implementations, future trends, and the challenges faced in achieving optimal data usability. By fostering a culture of data literacy and usability, this book will help you and your organization navigate the evolving data landscape and harness the power of data for innovation and growth. You will:

- Understand the fundamental concepts and importance of data usability, including effective data design, enhancing data accessibility, and ensuring data standardization and interoperability.
- Review the latest tools and technologies that enhance data usability, best practices for data visualization, and strategies for implementing user-centric data approaches.
- Ensure data quality and integrity, while navigating data privacy and security concerns.
- Implement robust data governance frameworks to manage data responsibly and effectively.
