

1. Record Nr.	UNINA9910677349803321
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Titolo	Data as a service : a framework for providing reusable enterprise data services // Pushpak Sarkar
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley & Sons, Inc., , [2015] [Piscataway, New Jersey] : , : IEEE Xplore, , [2015]
ISBN	1-119-05513-X 1-119-05514-8 1-119-05527-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (356 p.)
Disciplina	658.4/013
Soggetti	Electronic data processing Online information services Business - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Guest Introduction - Sanjoy Paul xiii -- Guest Introduction - Christopher Surdak xv -- Preface (Includes the Reader's Guide) xvii -- Acknowledgments xxvii -- Part One Overview of Fundamental Concepts -- 1. Introduction to DaaS 3 -- Topics Covered in this Chapter 3 -- Data-Driven Enterprise 4 -- Defining a Service 6 -- Drivers for Providing Data as a Service 7 -- Data as a Service Framework: A Paradigm Shift 12 -- 2. DaaS Strategy and Reference Architecture 25 -- Topics Covered in this Chapter 25 -- Enterprise Data Strategy, Goals, and Principles 26 -- Critical Success Factors 28 -- Reference Architecture of the DaaS Framework 30 -- How to leverage the DaaS Reference Architecture 41 -- Summary 41 -- 3. Data Asset Management 43 -- Topics Covered in this Chapter 43 -- Introduction to Major Categories of Enterprise Data 46 -- Transaction Data (Includes Big Data) 54 -- Significance of EIM in Supporting the DaaS Program 56 -- Role of Enterprise Data Architect 57 -- Summary 59 -- Part Two DaaS Architecture Framework and Components -- 4. Enterprise Data Services 63 -- Topics Covered in this Chapter 63 -- Emergence of Enterprise Data Services 64 -- Need for an Enterprise Perspective 65 --

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Sommario/riassunto

This book provides the nuts-and-bolts information to transform the way your organization designs, manages, and distributes enterprise data to consumers. Data has always been considered as an essential part of the IT infrastructure across most organizations in supporting their business operations. However, a complete paradigm shift has occurred in recent years as data is increasingly recognized as an asset that could be commercially sold as a service, in and of itself. Based on the author's first-hand experience and expertise, this book offers a proven framework for sharing core enterprise data using reusable data services. The book will cover how organizations can generate business revenues by providing data as a service to their clients for fee-based subscriptions. The book goes on to explain, in detail, how to acquire and distribute data across heterogeneous platforms effectively using enterprise SOA principles, industry data standards and leveraging new technologies such as data virtualization, cloud, and Big Data stream computing. . Presents a comprehensive approach for introducing data as a service in any organization for the first time . Recommended best practices and industry standards for sharing master, reference, and big data with data consumers . Commercialization aspects of data as a service and its potential for generating revenues. Covers real world applications of DaaS such as <U+0098>Big Data as a Service'. Real-life case studies on various innovative architecture blueprints and related patterns Topics covered in this book are wide-ranging starting with the presentation of the need for providing data as a service and the technical challenges involved in making that transformation. Pushpak Sarkar is a Corporate Vice President- Enterprise Technology at New York Life Insurance, USA. The author received a bachelor's degree from Indian Institute of Technology(IIT) Kharagpur and his master's in Technology Management from the University of Pennsylvania, and an MBA from FMS, University of Delhi, India. He has been running Data Management & BI/Analytics Service Centers of Excellence (COE) at several globally renowned organizations. His professional interest lies in data management, business intelligence, and big data analytics.
