Data as a Service: A Framework for Providing Reusable Enterprise Data Services

Pushpak Sarkar
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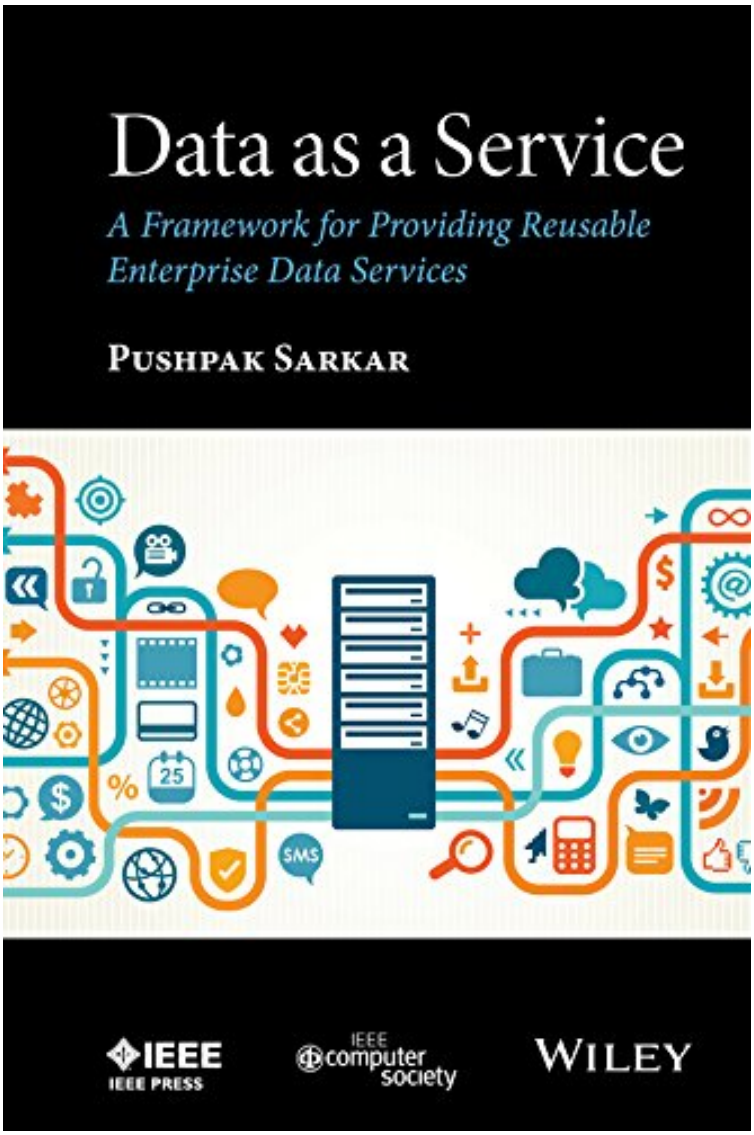

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Pushpak Sarkar : Data as a Service: A Framework for Providing Reusable Enterprise Data Services before purchasing it in order to gage whether or not it would be worth my time, and all praised Data as a Service: A Framework for Providing Reusable Enterprise Data Services:

1 of 1 people found the following review helpful. Are You An IT Professional? Or A Business Decision Maker ? - Do Not Miss This BookBy Big Data ParamedicIf you are employed in a medium or large corporation in IT field or are a business executive making decisions, you will find this book extremely useful. This book goes far beyond what you

can expect by Googling , Youtubing or reading it on Wikipedia.Executives spend millions of dollars in trying to get a minuscule edge over their competitors. Sadly many of them do not know that the data they already have can be exploited to capture the edge. The book explains not only the difficulties of how to know what data to exploit, where the data comes from, and the content of data is. The book lays out a clear pathway framework that helps you to seamlessly integrate (in real sense, not superficially) the silos of data (defended fiercely in turf battles) that resides in their warehouses, in their CRM systems, in their reservation systems and probably the most valuable data of all might be from the Twitters and Facebooks of the world.Yes, the world has moved from plain Relational databases to a blend of unstructured and structured databases and needs new thought process to emerge and this book provides the pathway to get it correctly. The path to ldquo;Data virtualizationrdquo; makes ldquo;Data Great Againrdquo;!The book explains the importance of data standardization where all application systems talk the same language and mean the same thing. If you are working in IT, how often do you have to load some data from another system as a batch job or a ETL job or a simple PLSQL job replicating the data and time in multiple touch points , creating room for multiple failure points and the cost of storing and securing same data in multiple datasets. Letrsquo;s be honest .. often!. With data standardization comes data privacy and governance issues and the framework surrounding it is also well presented. The success of the book lies in not ignoring even minor details, as an example, it strongly recommends following Agile methodology over the older methodologies like waterfall methodologies. Aim small, miss small!CONS: The book would have been well served with lot more examples and case studies to make a point. Somewhere in the middle, you start losing focus.SUMMARY:Companies that embrace Data as a service (which is still in very early stage) have a clear advantage over their competition, along with other ldquo;Servicerdquo; based architecture like PaaS. The first step is to understand DaaS better and for that you need this book.

Data as a Service shows how organizations can leverage ldquo;data as a servicerdquo; by providing real-life case studies on the various and innovative architectures and related patternsnbsp; Comprehensive approach to introducing data as a service in any organization A reusable and flexible SOA based architecture framework Roadmap to introduce lsquo;big data as a servicersquo; for potential clients Presents a thorough description of each component in the DaaS reference architecture so readers can implement solutions

From the Back CoverThis 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 authorrsquo;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 lsquo;Big Data as a Servicersquo; 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 bachelorrsquo;s degree from Indian Institute of Technology(IIT) Kharagpur and his masterrsquo;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.About the AuthorPushpak Sarkar is an Executive IT Architect at New York Life Insurance, USA. The author received a bachelorrsquo;s degree from Indian Institute of Technology, his masterrsquo;s from the University of Pennsylvania, and an MBA from FMS, University of Delhi, India. He has been running Data Management Analysis Service Centers of Excellence (COE) at several globally renowned organizations. His professional interest lies in data management, business intelligence, and big data analytics.