Data Warehousing in Action

Sean Kelly 2007-03-19

Data Warehousing in Action provides the tools to harness data and transform it into useful customized bytes of information. The book is a fully comprehensive account of how to proceed with the data warehouse project in a clear step-by-step fashion. It reviews the underpinnings, the design issues, and the management issues. It includes real company experiences from research carried out at 20 sites. It focuses on the major elements of building a data warehouse: Choosing the right architecture and technologies; Outsourcing methodologies for managing the project; and Future-proofing the design. Planning the Data Warehouse, Integrating the Data: The Data Warehouse Infrastructure: Exploiting the Data: The Data Warehouse Applications: Leading to the Future—Need Generation: Data Warehouse

Multidimensional Databases and Data Warehousing

Christian Jensen 2010-05-05

The present book’s subject is multidimensional data models and data modeling concepts, as they are applied in real data warehouses. The book aims to present the most important concepts within this subject in a precise and understandable manner. The book’s coverage of fundamental concepts includes data cubes and their elements, such as dimensions, facts, and measures and their representations in a relational setting; it includes advanced dimension-related concepts such as slowly changing dimensions, degenerate and junk dimensions, outriggers, parent-child hierarchies, and unbalanced, non-covering, and non-strict hierarchies. The book offers a principled overview of key implementation techniques that are particularly important to multidimensional databases, including materialized views, bitmap indices, join indices, and star join processing. The book ends with a chapter that presents the literature on which the book is based and offers further readings for those readers who wish to engage in more in-depth study of specific aspects of the book’s subject.

The Data Warehouse ETL Toolkit

Ralph Kimball 2011-04-27

Cowritten by Ralph Kimball, the world’s leading data warehousing authority, whose previous books have sold more than 150,000 copies, this book provides real-world solutions for the most time- and labor-intensive portion of data warehousing—data staging, or the extract, transform, load (ETL) process. ETL processes translate data from scattered sources, ensuring redundant and inaccurate data, transforming the remaining data into a form suitable for end users, and loading the end product into the data warehouse. Offers proven time-saving ETL techniques, comprehensive guidance on building dimensional structures, and crucial advice on ensuring data quality.

Progressive Methods in Data Warehousing and Business Intelligence: Concepts and Competitive Analytics

David 2009-02-20

Progressive methods in data warehousing and business intelligence provide developments and research, as well as current/innovation activities in data warehousing and mining, focusing on the intersection of data warehousing and business intelligence.

Data Warehousing Essentials

Bob Balcer 2010-05-26

The deployment of Data Warehouses as a business application has grown tremendously over the past decade. Data warehouses are now considered to be one of the key components of an organization’s overall IT strategy and architecture. This is especially true in the current Knowledge-based global economy. Organizations are continually in a state of boom or bust, and it is critical to understand how to measure their success and fail over models for their products and services. Data warehouses are being developed and deployed for all businesses as part of the overall data warehousing strategy. Pioneering a huge growth potential in various hardware and software markets, across the world, have jointly developed products and services specifically targeting the data warehousing market. The objective of this book is to provide the reader with an overview of the world of Data Warehousing as a hands-on approach to understanding language, technology, and business intelligence.

Data Warehouse Design Solutions

Sudhir Warier 2011-05-26

The deployment of Data Warehouses as a business application has grown tremendously over the past decade. Data warehouses are now considered to be one of the key components of an organization’s overall IT strategy and architecture. This book is especially true in the current Knowledge-based global economy. Organizations are continually in a state of boom or bust, and it is critical to understand how to measure their success and fail over models for their products and services. Data warehouses are being developed and deployed for all businesses as part of the overall data warehousing strategy. Pioneering a huge growth potential in various hardware and software markets, across the world, have jointly developed products and services specifically targeting the data warehousing market. The objective of this book is to provide the reader with an overview of the world of Data Warehousing as a hands-on approach to understanding language, technology, and business intelligence.