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Record Nr.	UNINA9910823892403321
Titolo	DB2 UDB's high function business intelligence in e-business / / [Nagraj Alur ... et al.]
Pubbl/distr/stampa	San Jose, Calif., : IBM Corp., 2002
Edizione	[1st ed.]
Descrizione fisica	xxii, 252 p. : ill
Collana	IBM redbooks
Altri autori (Persone)	AlurNagraj
Soggetti	Electronic commerce Business intelligence Database management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover -- Contents -- Figures -- Tables -- Examples -- Notices -- Trademarks -- Preface -- The team that wrote this redbook -- Notice -- Comments welcome -- Chapter 1. Business Intelligence overview -- 1.1 e-business drivers -- 1.1.1 Impact of e-business -- 1.1.2 Importance of BI -- 1.2 IBM's BI strategy and offerings -- 1.2.1 BI and analytic enhancements in DB2 UDB -- 1.2.2 Advantages of BI functionality in the database engine -- 1.3 Redbook focus -- 1.3.1 Materialized views -- 1.3.2 Statistics, analytic and OLAP functions -- Chapter 2. DB2 UDB's materialized views -- 2.1 Materialized view overview -- 2.1.1 Materialized view motivation -- 2.1.2 Materialized view concept overview -- 2.1.3 Materialized view usage considerations -- 2.1.4 Materialized view terminology -- 2.2 Materialized view CREATE considerations -- 2.2.1 Step 1: Create the materialized view -- 2.2.2 Step 2: Populate the materialized view -- 2.2.3 Step 3: Tune the materialized view -- 2.3 Materialized view maintenance considerations -- 2.3.1 Deferred refresh -- 2.3.2 Immediate refresh -- 2.4 Loading base tables (LOAD utility) -- 2.5 Materialized view ALTER considerations -- 2.6 Materialized view DROP considerations -- 2.7 Materialized view matching considerations -- 2.7.1 State considerations -- 2.7.2 Matching criteria considerations -- 2.7.3 Matching permitted -- 2.7.4 Matching inhibited -- 2.8 Materialized view design considerations -- 2.8.1 Step 1: Collect queries &amp --

Sommario/riassunto

This IBM Redbooks publication deals with exploiting DB2 UDB's materialized views (also known as ASTs/MQTs), statistics, analytic, and OLAP functions in e-business applications to achieve superior performance and scalability. This book is aimed at a target audience of DB2 UDB application developers, database administrators (DBAs), and

independent software vendors (ISVs). We provide an overview of DB2 UDB's materialized views implementation, as well as guidelines for creating and tuning them for optimal performance. We introduce key statistics, analytic, and OLAP functions, and describe their corresponding implementation in DB2 UDB with usage examples. Finally, we describe typical business level queries that can be answered using DB2 UDB's statistics, analytic, and OLAP functions. These business queries are categorized by industry, and describe the steps involved in resolving the query, with sample SQL and visualization of results.