

The Data Warehouse Toolkit

The Complete Guide To Dimensional Modeling

Star Schema vs Enterprise Data Warehouse e55ed1be97 Intro to Fact Tables e55ed1be97 Data Lakes e55ed1be97 Join to Create Marts e55ed1be97 Apache Iceberg e55ed1be97 Bryan Cafferky e55ed1be97 What is Data Modeling e55ed1be97 Intro e55ed1be97 High-level Overview e55ed1be97 What's a Fact? e55ed1be97 Introduction e55ed1be97 Rapidly Changing Dimensions e55ed1be97 Clean \u0026 Load erp_loc_a101 e55ed1be97 What is Data Modeling and Why It Matters e55ed1be97 Fact Table and Dimension Tables e55ed1be97 Create Fact Sales e55ed1be97 Dimension Tables and Fact Table using Spark SQL e55ed1be97 The Data Warehouse Toolkit - Capitulo 3-Podcast EN - The Data Warehouse Toolkit - Capitulo 3-Podcast EN 19 minutes - Chapter 3 of \"The **Data Warehouse Toolkit**,\" introduces the core principles of **dimensional modeling**, through a practical retail sales ... e55ed1be97 DW Tips: Dimensional Modeling Myths e55ed1be97 Just the Facts Tables e55ed1be97 Recap \u0026 Why Dimensional Modeling is a Game-Changer e55ed1be97 Databricks Free Account e55ed1be97 Types of SQL Projects e55ed1be97 What is a Data Warehouse? e55ed1be97 Data Modeling - Walking Through How To Data Model As A Data Engineer - Dimensional Modeling 101 - Data Modeling - Walking Through How To Data Model As A Data Engineer - Dimensional Modeling 101 20 minutes - Data, modeling is key skill **data**, engineers need to know. In particular **dimensional modeling**,. Whether you eventually decide to go ... e55ed1be97 Create Dimension Tables e55ed1be97 Intro e55ed1be97 Playback e55ed1be97 Wrap Up e55ed1be97 SQL Data Warehouse from Scratch | Full Hands-On Data Engineering Project - SQL Data Warehouse from Scratch | Full Hands-On Data Engineering Project 4 hours, 23 minutes - From Zero to SQL **Data Warehouse**, Hero (From Scratch) A Full SQL Project Walkthrough and Real Industry Experience! You will ... e55ed1be97 Slowly Changing Dimensions e55ed1be97 Explore \u0026 Understand The Data e55ed1be97 Clean \u0026 Load crm_cust_info e55ed1be97 Introduction: The New Series e55ed1be97 Identify the Facts e55ed1be97 Keyboard shortcuts e55ed1be97 Develop SQL Load

Scripts e55ed1be97 Create Stored Procedure e55ed1be97 Create Dimension Customers e55ed1be97 The Snowflake Schema The Snowflake Schema e55ed1be97 Data Lakehouse e55ed1be97 Clean \u0026 Load crm_prd_info e55ed1be97 Choose the Right Approach e55ed1be97 Identify Dimensions e55ed1be97 Data warehouse Toolkit Ch1 - Data warehouse Toolkit Ch1 1 hour, 40 minutes - In this Section, we dive into the first chapter of The **Data Warehouse Toolkit**, by Ralph Kimball. We'll explore foundational concepts, ... e55ed1be97 Transactional Database Design (OLTP) e55ed1be97 Inmon DW Architecture e55ed1be97 Dimensional Modeling - Dimensional Modeling 53 minutes - A **tutorial**, on the concepts and practice of **Dimensional Modeling**, the Kimball Method. e55ed1be97 What a Data Warehouse is NOT e55ed1be97 Intro e55ed1be97 General e55ed1be97 ETL Architecture In-Depth - Dimensional Modelling 101 - ETL Architecture In-Depth - Dimensional Modelling 101 1 hour, 56 minutes - ... Modeling - <http://youtu.be/m49PclOSKpg> Refer \"The **Data Warehouse Toolkit**, - The **Complete Guide**, to **Dimensional Modelling**, ... e55ed1be97 Whats Next e55ed1be97 Star Schema-Key Points e55ed1be97 Draw the Architecture using Draw.io e55ed1be97 Dimensional Data Modelling e55ed1be97 Junk Dimensions e55ed1be97 Explore the Business Objects e55ed1be97 Search filters e55ed1be97 Data Warehousing e55ed1be97 Thank You e55ed1be97 Types of Dimension Tables e55ed1be97 Star vs Snowflake Schema e55ed1be97 Build Silver Layer e55ed1be97 Intro e55ed1be97 Date Dimensions e55ed1be97 SCD's Type 0,1,2,3,4 e55ed1be97 Let's Compare the Kimball and Inmon Data Warehouse Architectures - Let's Compare the Kimball and Inmon Data Warehouse Architectures 5 minutes, 16 seconds - Let's look at the Kimball and Inmon approaches to **data warehouses**,. Which should you chose for your solution? What are the ... e55ed1be97 Delta Lake e55ed1be97 Dimension Types e55ed1be97 Build Bronze Layer e55ed1be97 Facts e55ed1be97 Overview e55ed1be97 Intro e55ed1be97 Creating Data Model e55ed1be97 Dimensional Modeling Embellishments e55ed1be97 How Hierarchies Organize Data for Better Analysis e55ed1be97 The Star Schema e55ed1be97 Apache HUDI e55ed1be97 Introduction e55ed1be97 Shrunk Dimensions e55ed1be97 Define Naming Conventions e55ed1be97 The Bus Matrix e55ed1be97 Introduction to Dimensional Modeling e55ed1be97 Intro - Modules e55ed1be97 What's Ahead? e55ed1be97 Subtitles and closed captions e55ed1be97 STAR Schema VS SNOWFLAKE Schema e55ed1be97 ACID e55ed1be97 The Seven W's of Data Warehouse Design - User Story e55ed1be97 Clean \u0026 Load erp_px_cat_g1v2

e55ed1be97 Dimensions vs Facts e55ed1be97 Database VS Data Warehouse e55ed1be97 What is Data Modeling? e55ed1be97 Dimensional Modeling - Dim Tables e55ed1be97 Change Data Capture (CDC) e55ed1be97 ETL Layers e55ed1be97 Create DDL for Tables e55ed1be97 Full Load, Incremental Load \u0026 Idempotency e55ed1be97 Types of Fact Tables e55ed1be97 Project Plan Using Notion e55ed1be97 What makes it Enterprise? e55ed1be97 Dimensional Modeling - Stars e55ed1be97 Normalization e55ed1be97 Hospital Dimensional Data Model (Problem Statement) e55ed1be97 Slowly Changing Dimensions: Type 2 e55ed1be97 Kimball Data Warehouse e55ed1be97 Identify the Grain e55ed1be97 Data Modeling Tutorial: Star Schema (aka Kimball Approach) - Data Modeling Tutorial: Star Schema (aka Kimball Approach) 16 minutes - Get all of my free resources to help you learn: <https://skool.com/moderndata/about> - Work with me to modernize your **data**, ... e55ed1be97 What is Data Warehousing e55ed1be97 What is Data Warehouse e55ed1be97 Build The Star Schema Model e55ed1be97 Other Dimensions e55ed1be97 Degenerate Dimensions e55ed1be97 Referential Integrity \u0026 Constraints e55ed1be97 Some Additional Thoughts... e55ed1be97 Partnerships e55ed1be97 Design the Layers of DWH e55ed1be97 Seven W's of Data Warehouse Design and the User Story e55ed1be97 Slowly Changing Dimensions e55ed1be97 Project Initialization e55ed1be97 Document: Data Flow e55ed1be97 Analyze Source Systems e55ed1be97 Conformed Dimensions e55ed1be97 Problem with Traditional Systems e55ed1be97 Lakehouse vs. Data Lake vs. Data Warehouse e55ed1be97 Star Schema e55ed1be97 Dimensional Modeling - Fact Tables e55ed1be97 Star Schema vs. Snowflake Schema e55ed1be97 Fact Tables e55ed1be97 Databricks Overview e55ed1be97 Conformed Dimensions / Bus Architecture e55ed1be97 Snowflake Schema e55ed1be97 Data Warehouse - The Ultimate Guide [2025] | Master Data Modeling - Data Warehouse - The Ultimate Guide [2025] | Master Data Modeling 3 hours, 16 minutes - Data warehouse, | **Data Modeling**, | Databricks | PySpark | SparkSQL In this video, I walk you through key **Data Warehouse**, ... e55ed1be97 ETL/ELT e55ed1be97 Intro e55ed1be97 The Three Stages of Data Modeling: Conceptual, Logical, Physical e55ed1be97 Data Vault e55ed1be97 Data Modelling e55ed1be97 Document: Data Flow e55ed1be97 Why a Data Warehouse? e55ed1be97 Retail Sales e55ed1be97 Incremental Data Loading using Spark SQL e55ed1be97 DATA MART e55ed1be97 Kimball DW Architecture e55ed1be97 Create a Fact Table e55ed1be97 Intro to Dimension Tables e55ed1be97 Databases vs Data Warehouse e55ed1be97 Master Dimensional Modeling Lesson

01 - Why Use a Dimensional Model? - Master Dimensional Modeling Lesson 01 - Why Use a Dimensional Model? 9 minutes, 57 seconds - Dimensional Modeling, is a popular and effective way to organize your **data**, to maximize business value. In this video, you will ... e55ed1be97 Other types of Dimensions e55ed1be97 Design The Data Architecture e55ed1be97 DW Tips: 10 Essential Dim Mod Rules e55ed1be97 What is Data Warehouse? e55ed1be97 Role Playing Dimensions e55ed1be97 Star Schema - Physical Model e55ed1be97 Bridge Tables e55ed1be97 Create DDL for Tables e55ed1be97 Steps of Dimensional Modeling Review e55ed1be97 Is the Kimball Data Warehouse Still Relevant in 2023? - Is the Kimball Data Warehouse Still Relevant in 2023? 4 minutes, 42 seconds - RELATED VIDEOS

Data, Vault: <https://youtu.be/D914nNWGP6E> Do you wonder if the Kimball **Data Warehouse**, is still relevant in ... e55ed1be97 Commit Code in Git Repo e55ed1be97 Build Gold Layer e55ed1be97 Transactional Facts e55ed1be97 The \"Big Three\" Table Formats e55ed1be97 Dimension Tables e55ed1be97 Clean \u0026 Load erp_cust_az12 e55ed1be97 What's a Dimension? e55ed1be97 Dimensional Modeling - Constellation e55ed1be97 What's Data Warehouse e55ed1be97 OLAP vs OLTP e55ed1be97 Periodic Snapshot Facts e55ed1be97 Accumulating Snapshot Facts e55ed1be97 Slowly Changing Dimensions (SCDs) e55ed1be97 Design Decisions e55ed1be97 Why Surrogate Keys? e55ed1be97 Why Star Schema e55ed1be97 Benefits \u0026 Future Topics e55ed1be97 Medallion Architecture e55ed1be97 Project Materials e55ed1be97 When is it Not Appropriate? e55ed1be97 Where do you start to design a data warehouse? e55ed1be97 Analysis and Queries on Data Model e55ed1be97 Spherical Videos e55ed1be97 Understanding Dimensional Modeling | A Comprehensive Guide to Data Warehousing - Understanding Dimensional Modeling | A Comprehensive Guide to Data Warehousing 8 minutes, 42 seconds - In this video, we break down the core concepts of **Dimensional Modeling**, - an essential component of **Data Warehousing**, ... e55ed1be97 Data Vault e55ed1be97 Why Build a Data Warehouse e55ed1be97 Analyzing Requirements e55ed1be97 The BI Stack e55ed1be97 Goals of a Data Warehouse e55ed1be97 End of Project e55ed1be97 Unlocking Data Warehousing Mastery with Kimball and Ross | The Data Warehouse Toolkit Summary! - Unlocking Data Warehousing Mastery with Kimball and Ross | The Data Warehouse Toolkit Summary! 9 minutes, 2 seconds - Dive into the essential principles of **data warehousing**, with insights from Ralph Kimball and Margy Ross's \"The **Data Warehouse**, ... e55ed1be97 Snowflaking e55ed1be97 Storage Formats - Avro \u0026 Parquet

<https://store.theartofservice.com/the-data-warehouse-toolkit.html> This innovative set of documents and ready-to-use templates will ...
 Implementing SCD Type 1 in Databricks with Spark SQL
 Create Stored Procedure
 Understanding Fact Tables and Dimension Tables
 ETL Layers
 What is Dimensional Data Modeling
 Mini-dimensions
 Factless Facts
 Practice Areas
 Introduction: This Presentation
 What is Dimensional Modeling?
 Create Database \u0026 Schemas
 Slowly Changing Dimension-Type 3
 What is ETL
 Clean \u0026 Load crm_sales_details
 Modern Data Engineering \u0026 Data Warehouse Full Course: Zero to Architect (3 Hours) - Modern Data Engineering \u0026 Data Warehouse Full Course: Zero to Architect (3 Hours) 2 hours, 58 minutes - Stop building **data**, pipelines that break. In this 3-hour Modern **Data**, Engineering full course, we go from Zero to Architect, ...
 Data Flow
 Incremental Loading
 Star Schema
 Comparison of Fact Table Types
 Facts \u0026 Dimensions
 Data Warehouse Back to Basics: Dimensional Modeling - Data Warehouse Back to Basics: Dimensional Modeling 57 minutes - Data Warehouse, Back to Basics: **Dimensional Modeling**, This first session in our **Data Warehouse**, Series explores Dimensional ...
 Create Dimension Products
 Gran New Layers
 Dimensional Modeling, The Heart of the **Data**, ...
 Snapshot Tables
 Data Catalog
 Prepare Your GIT Repository
 Identify the Business Process
 CDC Patterns \u0026 Methods
 Date Dimension (my favorite dimension)

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