Building a Scalable Data Warehouse with Data Vault 2.0

Titel	Building a Scalable Data Warehouse with Data Vault 2.0
Publicatietype	Boek
Publicatiejaar	2015
Auteurs	Linstedt, D. [1], & Olschimke M. [2]
Edition	1st
Pagina's	684
Uitgever	Morgan Kaufmann Publishers Inc.
Plaats uitgave	San Francisco, CA, USA
Taal	EN
ISBN Nummer	0128025107, 9780128025109
RefMan	10127
Trefwoord(en)	big data [3], data vault [4], datawarehouse [5], OAIS [6], open data [7]
Samenvatting	The Data Vault was invented by Dan Linstedt at the U.S. Department of Defense, and the standard has been successfully applied to data warehousing projects at organizations of different sizes, from small to large-size corporations. Due to its simplified design, which is adapted from nature, the Data Vault 2.0 standard helps prevent typical data warehousing failures. "Building a Scalable Data Warehouse" covers everything one needs to know to create a scalable data warehouse end to end, including a presentation of the Data Vault modeling technique, which provides the foundations to create a technical data warehouse layer. The book discusses how to build the data warehouse incrementally using the agile Data Vault 2.0 methodology. In addition, readers will learn how to create the input layer (the stage layer) and the presentation layer (data mart) of the Data Vault 2.0 architecture including implementation best practices. Drawing upon years of practical experience and using numerous examples and an easy to understand framework, Dan Linstedt and Michael Olschimke discuss: How to load each layer using SQL Server Integration Services (SSIS), including automation of the Data Vault loading processes. Important data warehouse technologies and practices. Data Quality Services (DQS) and Master Data Services (MDS) in the context of the Data Vault architecture. Provides a complete introduction to data warehousing, applications, and the business context so readers can get-up and running fast Explains theoretical concepts and provides hands-on instruction on how to build and implement a data warehouseDemystifies data vault modeling with beginning, intermediate, and advanced techniquesDiscusses the advantages of the data vault approach over other techniques, also including the latest updates to Data Vault 2.0 and multiple improvements to Data Vault 1.0.
Aantekeningen	Zie ook • Data vault modelling - https://en.wikipedia.org/wiki/Data_vault_modeling [8] • Data Vault Series 1 - Data Vault Overview - http://tdan.com/data-vault-series-1-data-vault-overview/5054 [9] • Data Vault Series 2 - Data Vault Components - http://tdan.com/data-vault-series-2-data-vault-components/5155 [10] • Data Vault Series 3 - End Dates and Basic Joins - http://tdan.com/data-vault-series-3-end-dates-and-basic-joins/5067 [11] • Data Vault Series 4 - Link Tables - http://tdan.com/data-vault-series-4-link-tables/5172 [12] • Data Vault Series 5 - Loading Practices - http://tdan.com/data-vault-series-5-loading-practices/5285 [13] • Site Dan Lindstedt - https://danlinstedt.com/ [14]
URL	https://www.elsevier.com/books/building-a-scalable-data-warehouse-with-data-vault-20/linstedt/978-0-12-802510-9 [15]
Citation Key	Linstedt:2015:BSD:2901170

Levenscyclus:

1 Ontstaan [16]
2.3 Bepalen van de grondslag en de betrouwbaarheid [17]
3.2 Vaststellen verantwoordelijkheden [18]

4 Bewaren [19]

Datum eerste publicatie:
woensdag, 14 juni 2017 - 11:15pm
Share / Save [20]

Bron-URL:https://labyrinth.rienkjonker.nl/content/building-scalable-data-warehouse-data-vault-20

Links
[1] https://labyrinth.rienkjonker.nl/biblio?f%5Bauthor%5D=673 [2]
https://labyrinth.rienkjonker.nl/biblio?f%5Bauthor%5D=674 [3]
https://labyrinth.rienkjonker.nl/biblio?f%5Bkeyword%5D=192 [4]
https://labyrinth.rienkjonker.nl/biblio?f%5Bkeyword%5D=326 [5]
https://labyrinth.rienkjonker.nl/biblio?f%5Bkeyword%5D=327 [6]
https://labyrinth.rienkjonker.nl/biblio?f%5Bkeyword%5D=329 [7]
https://labyrinth.rienkjonker.nl/biblio?f%5Bkeyword%5D=328 [8] https://en.wikipedia.org/wiki/Data_vault_modeling# [9] http://tdan.com/data-vault-series-1-data-vault-overview/5054# [10] http://tdan.com/data-vault-series-2-data-vault-components/5155# [11] http://tdan.com/data-vault-series-3-end-dates-and-basic-joins/5067# [12] http://tdan.com/data-vault-series-4-link-tables/5172# [13] http://tdan.com/data-vault-series-5-loading-practices/5285# [14] https://danlinstedt.com/# [15] https://www.elsevier.com/books/building-a-scalable-data-warehouse-with-data-vault-20/linstedt/978-0-12-802510-9 [16] https://labyrinth.rienkjonker.nl/levenscyclus/1-ontstaan [17] https://labyrinth.rienkjonker.nl/levenscyclus/23-bepalen-van-de-grondslag-en-de-betrouwbaarheid [18] https://labyrinth.rienkjonker.nl/levenscyclus/32-vaststellen-verantwoordelijkheden [19] https://labyrinth.rienkjonker.nl/levenscyclus/4-bewaren [20] https://www.addtoany.com/share#url=https%3A%2F%2Flabyrinth.rienkjonker.nl%2Fcontent%2Fbuilding-scalable-data-warehouse-data-vault-20&title=Building%20a%20Scalable%20Data%20Warehouse%20with%20Data%20Vault%202.0
