



Data Vault CDVDM

Certified Data Vault Modeler Course 2018

Course Structure

Welcome!

This dynamic course is designed to guide you through the Data Vault modeling approach. Included are; 2 weeks of online videos, and 3 days in a classroom face to face with an instructor.

- 45% Classroom Lecture
- 25% Small Group Exercises
- 30% Interactive Discussion
- 2 Weeks of online learning
- 3 Days of face to face learning

Business Intelligence

Agile

Data Vault

BlockChain

Data Modeling

What will be covered in this course?

This course will guide you through the Data Vault modeling approach from modeling constructs and patterns to applying data vault principles in your DWBI program. This course also covers current and emerging data architectures (EDW, Cloud, Big Data, Streaming, & Blockchain), effective conceptual and logical modeling (ELM), and how to develop an effective overall agile data enterprise data program.

Why Data Vault?

Over 1500 major international organizations are applying data vault modeling techniques today.

The data vault principles are specifically well suited for data integration and historization. When applied to data warehousing programs data vault modeling can provide the organization with some very compelling benefits. These include:

- Agility
- Auditability
- Adaptability
- Alignment with the business
- Support for operational data warehousing initiatives.

Locations in Europe * USA * AU * Nordics * Asia-Pacific

In The Classroom

Day 1

- ❑ Introductions
- ❑ Data Warehouse, Informational, Logical and Data Vault Modeling
- ❑ Group Case Work
- ❑ SAL & HAL
- ❑ Hub and Business Key Topics



DATA VAULT MODELING
CERTIFICATION 2018
USA/EUROPE/NORDICS/ASIA-PACIFIC

HANS HULTGREN
GENESEEE ACADEMY

The course book is continually updated (version 38 published Q1 2018) and contains the very latest advancements, insights and active best practices.

Day 2

- ❑ Day 1 Review and Q&A
- ❑ Class Discussions and Group Presentations
- ❑ Expanded UOW and Keyed Instance
- ❑ Applying the DV Ensemble
- ❑ Group Case Work
- ❑ Raw & BDV Layers
- ❑ Virtualization
- ❑ Managing Dates / B-temporal Data

Day 3

- ❑ Review and Q&A
- ❑ Data Vault & Agility
- ❑ Data Vault & Big Data
- ❑ Architecture & Layers
- ❑ Loading Patterns
- ❑ Helpful Tables: Bridges & Pit
- ❑ Recap & Discussion
- ❑ CDVDM EXAM

Target Audience

- Data Modelers
- Data Architects
- Model Managers
- Data Warehousing
- Business Intelligence Professionals
- DBA's
- Data Scientists
- Program Managers
- Business Analysts
- ETL Professionals
- Big Data and Streaming Developers
- CTO's
- CIO's
- Data Governance and MDM Professionals
- Information Modelers
- Information Architects
- BICC Professionals

How to get started:

Visit our website at

[GeneseeAcademy.com](https://www.GeneseeAcademy.com)

to register for upcoming classes.

 [@GeneseeAcademy](https://twitter.com/GeneseeAcademy)

 [DataVaultAcademy](https://www.youtube.com/DataVaultAcademy)

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