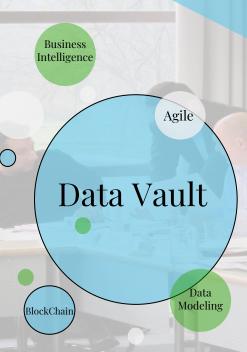


#### Course Structure

# 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



#### 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 vault 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 wi

Alignment with the business

Support for operational data warehousing initiatives.

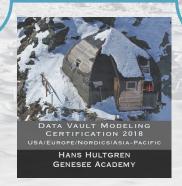
Locations in Europe \* USA \* AU \* Nordics \* Asia-Pacific



#### In The Classroom

#### Day 1

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



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 Lavers
- Virtualization
- Managing Dates / B-temporal BS COWORKIN 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 min CS

- **Data Modelers**
- **Data Architects**
- **Model Managers**
- **Data Warehousing Business Intelligence**
- Professionals
- DBA's
- **Data Scientists**
- $\rightarrow$ **Program Managers**
- $\rightarrow$ **Business Analysts**

- **ETL Professionals** 
  - Big Data and Streaming Developers
  - CTO's
- CIO's
- Data Governance and
- MDM Professionals
- Information Modelers  $\rightarrow$ Information Architects
  - **BICC Professionals**

### How to get started:

Visit our website at

GeneseeAcademy.com

to register for upcoming classes.



@GeneseeAcademy

You Tube Data Vault Academy

GENESEE ACADEMY World-Class Training