

Introducing **ELM** & the emerging focus on the Agile Business Model

Presented by:

Torsten Glunde



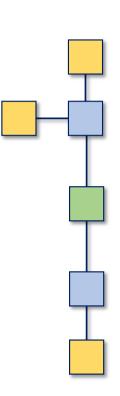
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An Employee In A Store Is Selling Products To A Customer

GO!!



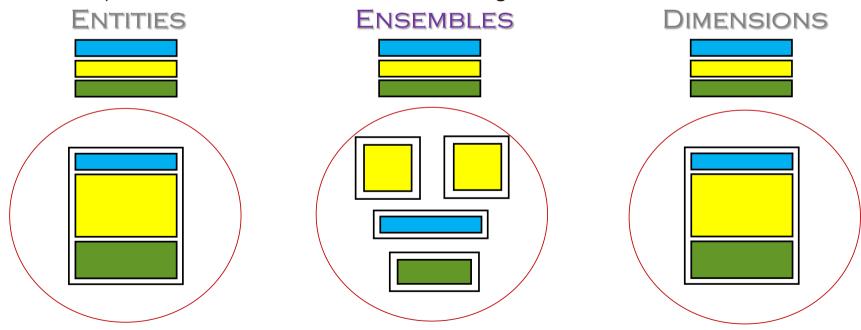


What is Ensemble Logical Model

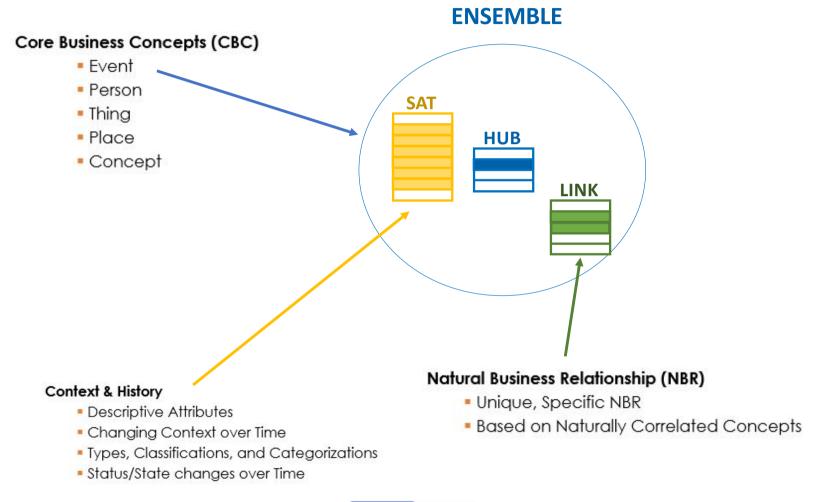


Ensemble Modeling

- Based on the core idea of Unified Decomposition[™].
 - Basically break things out into component parts for reasons of flexibility, adaptability, agility, and generally to facilitate the capture of things that are either interpreted in different ways or changing independently of each other. But at the same time keeping them consistent.
 - Is a family name for Data Vault, Anchor modeling, Focal Point, 2G, 6NF, ...



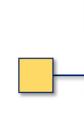
The Ensemble





Ensemble Logical Modeling | E | M







ELM workshops are interactive, facilitated, business-driven design sessions for **Business-Driven** Models

"You can't hit a target if you don't know what it is."

— Tony Robbins





"If you aim at nothing you will hit it every time."

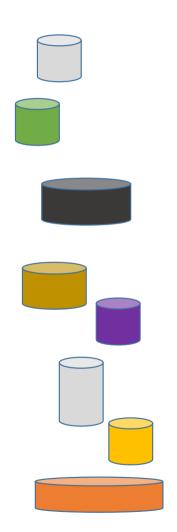
Zig Ziglar

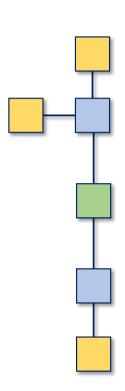


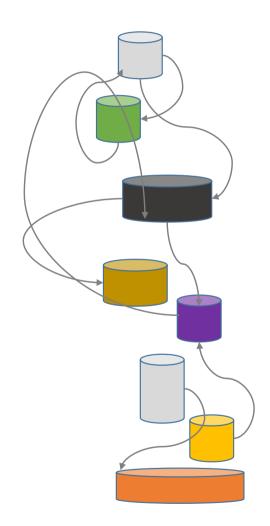
Aristotle

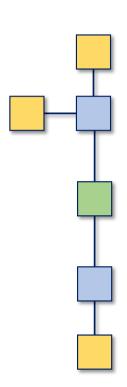


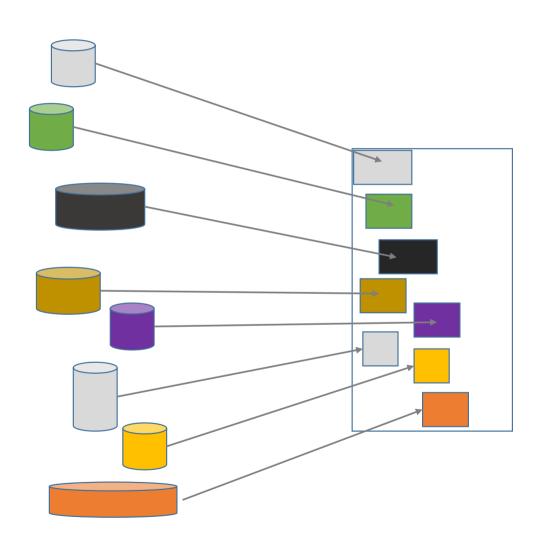
"Without a goal, you can't score"

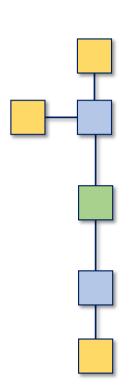


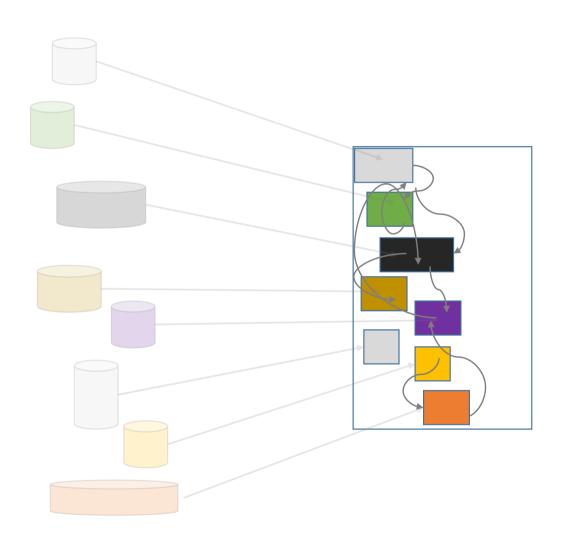


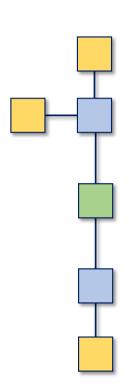


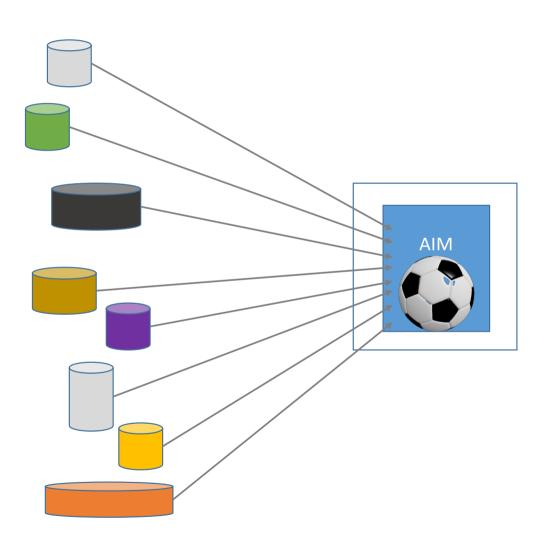


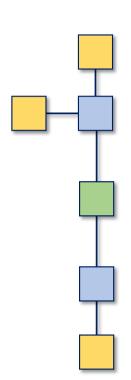


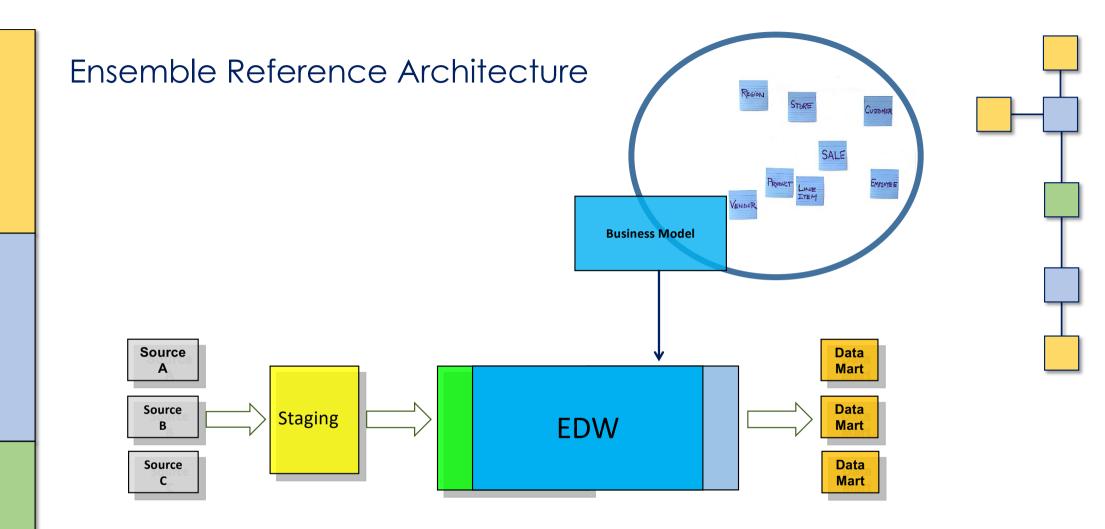




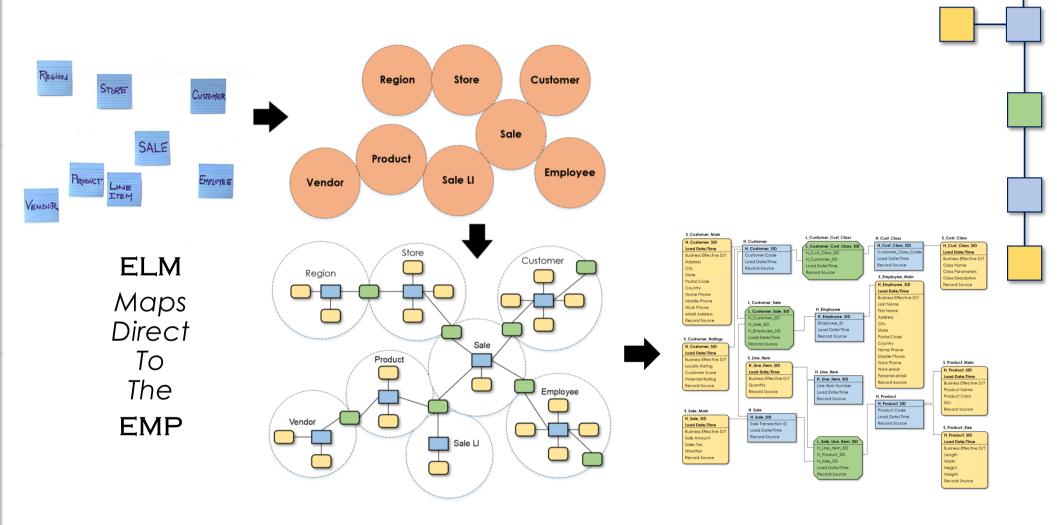








ELM maps directly to Ensemble Modeling Pattern (EMP)



What are we going to do?



Analyze



Contemplate

Discuss



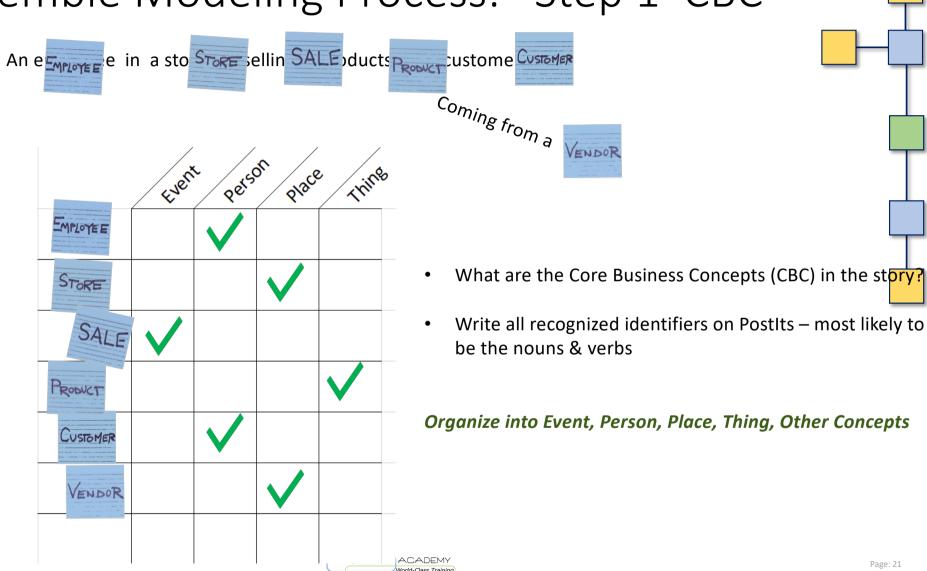


Present

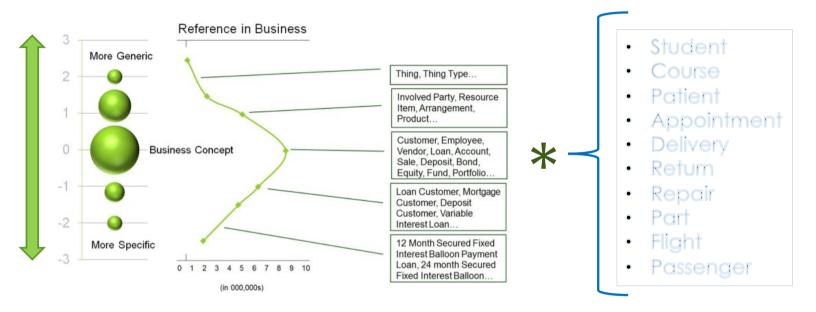
Ensemble Modeling Process

- The Modeling Process for creating any Ensemble is basically the same:
- 1) Identify and Model the Core Business Concepts
 - What does your organization/department do?
 - Elevator pitch (keep it short and to the point)
 - Explain to nitwit (10 yr old)
 - What happens in your organization/department on a given day?
 - What do you think other departments / people in the organization tell me what your department is doing and/or is responsible off?
- 2) Identify and Model the Natural Business Relationships
 - What is the relationship between the CBC's
 - How do we know?
 - Is this relationship a driver for your organization/department?

Ensemble Modeling Process: Step 1 CBC



Identifying the Core Business Concepts



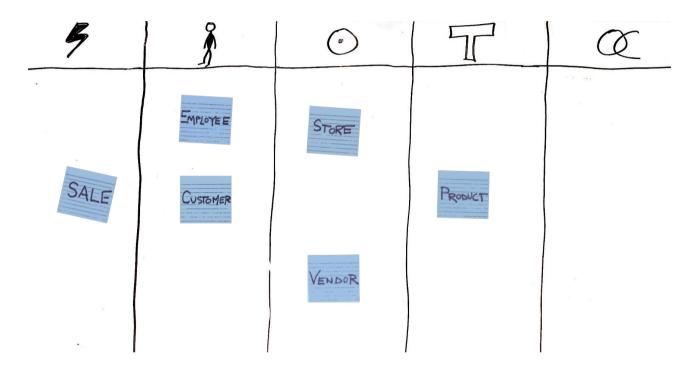
This **involved party** has an **arrangement** with our **involved party** regarding a **resource item**!

Be specific!
Business must recognize
the terms used

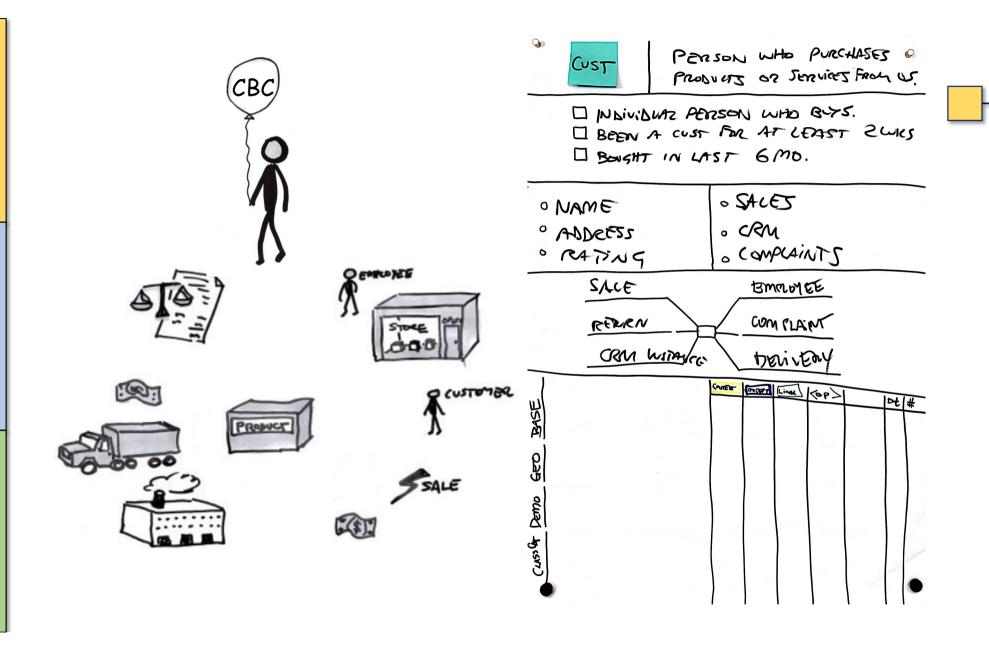
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CBC Canvas



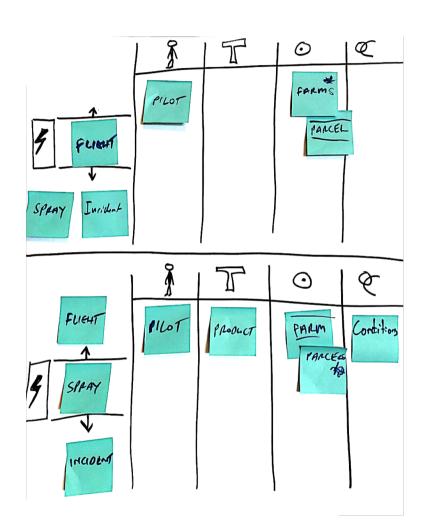
- Begin to consider CBCs that might be the same
 - Semantic integration
 - Level of CBC
- Discuss any missing CBCs in each category related to this event
- Don't worry about the technical stuff at this point!



UoW Event Matrix

For each Event:

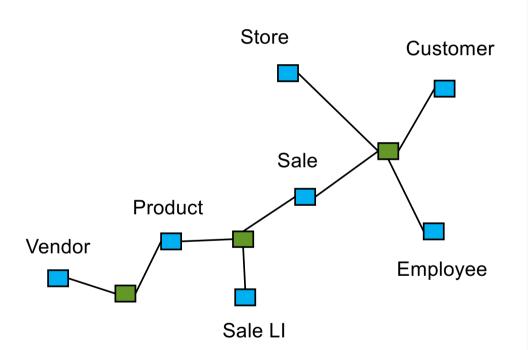
- Align with all other CBCs that are involved
- Organize by Person, Place, Thing, OC
- Consider CBC that might be the same
 - Semantic integration
 - Level of CBC
- Discuss any missing CBCs in each category related to this event

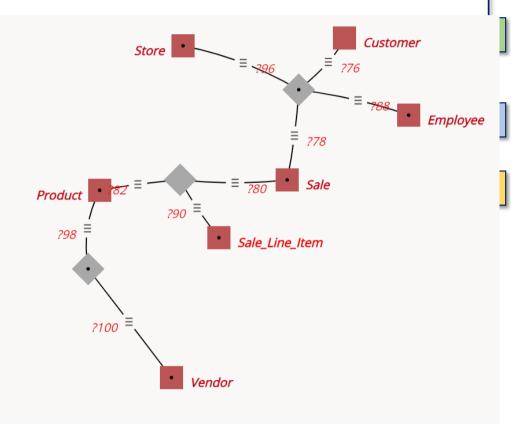


From business process to UoW Event Matrix to ELM An e EMPLOYEE YEE in COTORE E IS SALE 9 a CAR O a CUSCUSTUMER OF 0 EMPLOYEE STORE EMPLOYEE CAR STORE SALE SALE * Note: Per Event CAR SALE CUSTOMER QSTORE CAR * Note: Includes all Events



Sales Ensemble Model - Backbone







Case Joe's Pizza

- Joe's Pizza is a famous Pizza restaurant in Rome. It's the 1st restaurant which can prove the origin of each of the used ingredients.
- Pizzas are made only using the best ingredients from local suppliers.
- The Chef and her team bake all the different pizza's following the right recipes. Multiple cooks can work on the same pizza.
- Customers however might alter the recipes by adding extra ingredients or loosing some.
- Pizza's can be delivered or eaten in the restaurant
- Customers orders 1 or more pizza's online via Joe's Pizza website.
- After the pizza's are made an employee delivers the pizza's to the customers door.
- In a delivery round the employee can make multiple deliveries

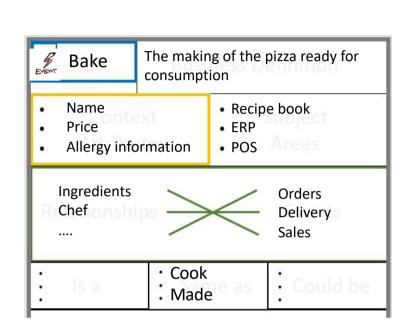


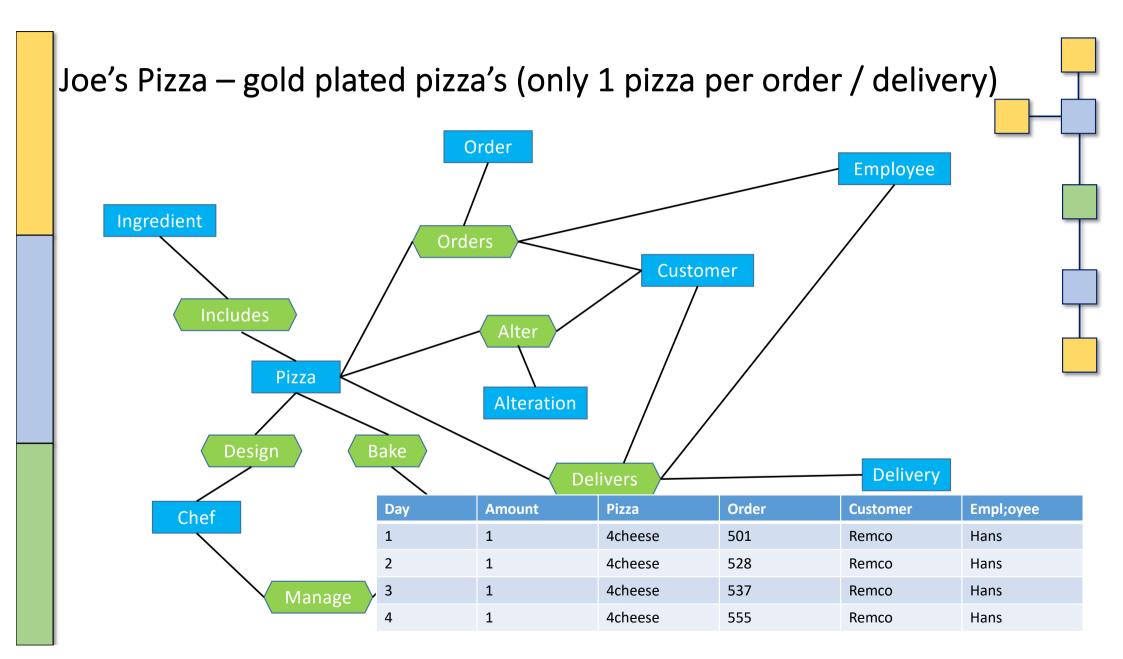
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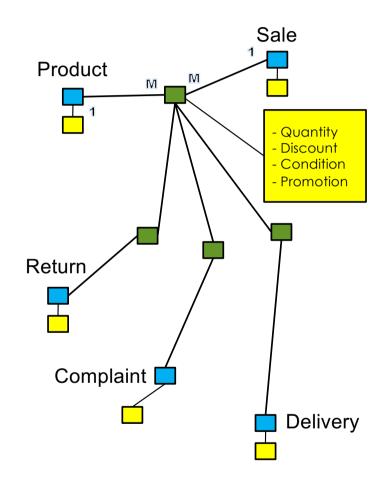
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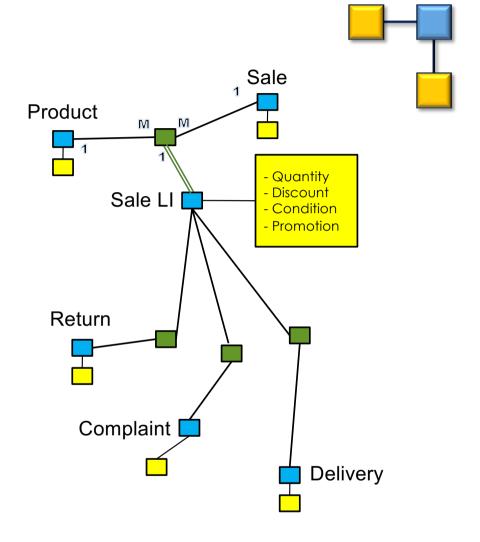


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Joe's Pizza			V		
Restaurant			V		
Rome			V		
Proof	V				
Origin					V
Ingredients				>	
Pizza				>	
Made	V				
local suppliers		/			
Chef		V			
Team		V			
Bake	V				
Recipes			V		
Cooks		V			
Customers		V			
Delivered	V				
Eat in					V
Orders	V				
Online			V		
Website			V		
Employee		V			
Delivers	V				
Customer's door				V	
Delivery round					V
	•				-

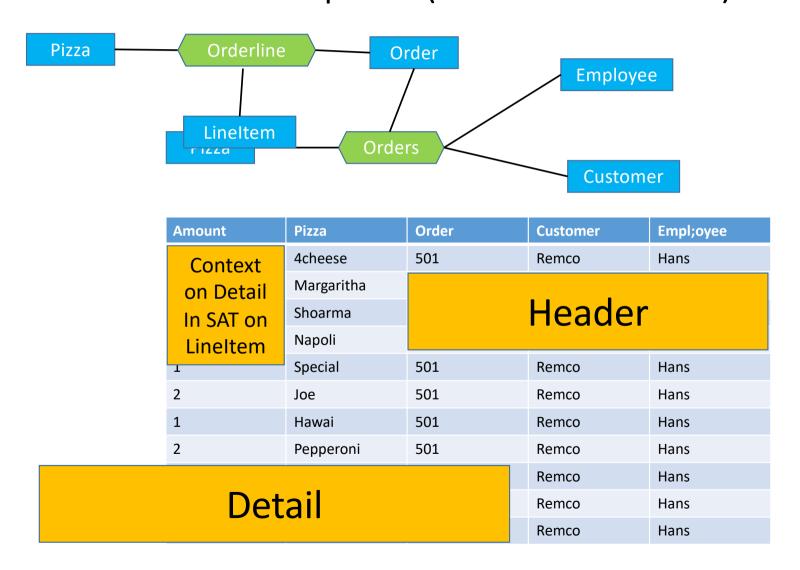








Joe's Pizza – order 20 pizza's (at least 10 different)

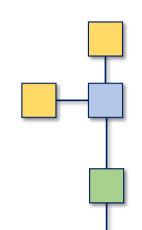


About Data Vault Ensemble

Estimated 1600 + Data Vault based Data Warehouses around the world



Currently over 1350 + Data Vault CDVDM Certified Professionals



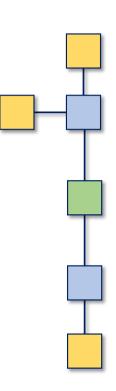
Schedule:

June 12-14th – Data Vault training Dusseldorf

April 24-26th – Data Vault training Hannover

Contact Torsten Glunde or Oliver Cramer for more info

(or mail to Remco@GeneseeAcademy.com)



Links and Information

Data Vault, Ensemble & ELM Training

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