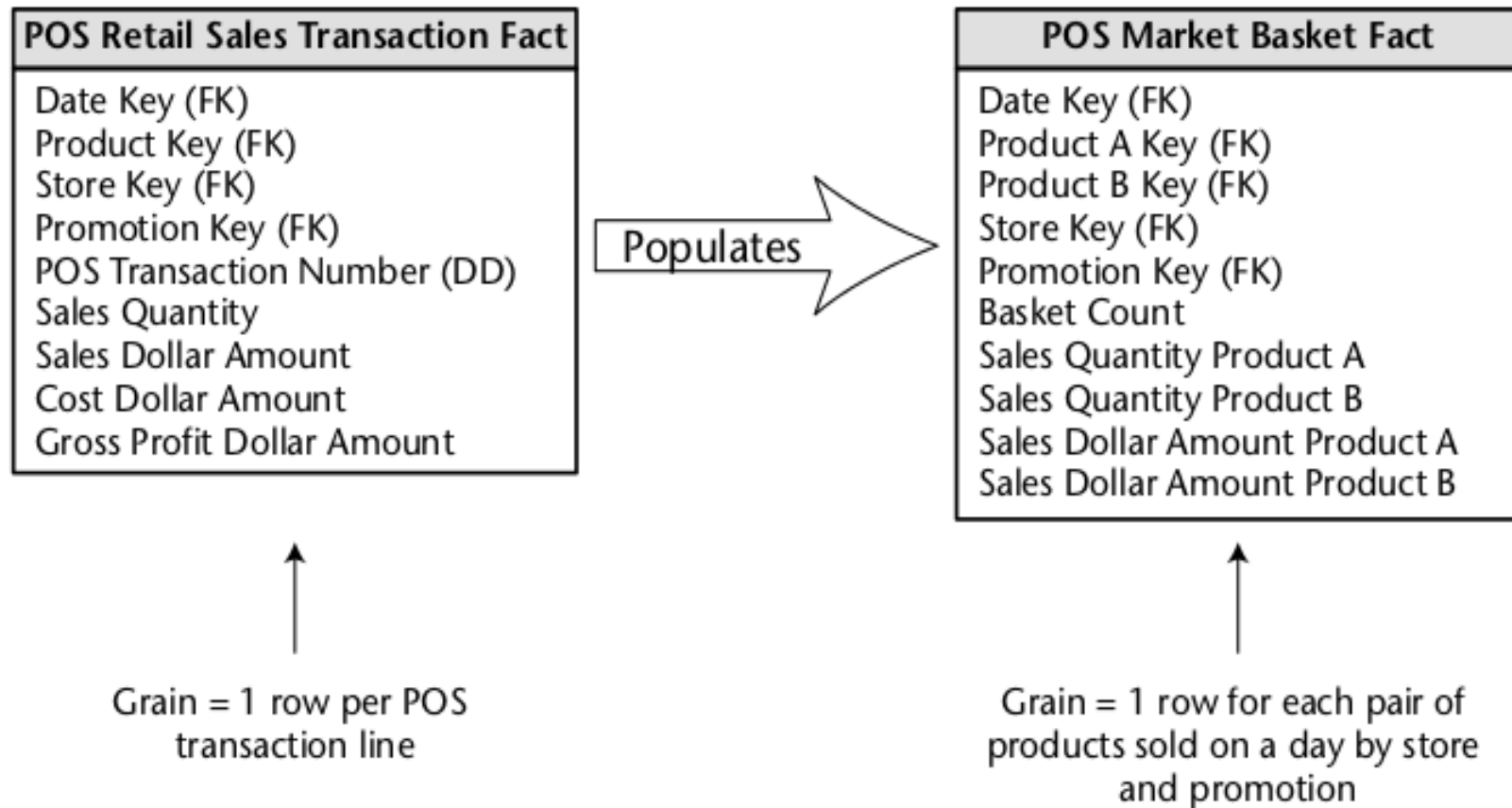


CI2355 – Almacenes de datos y OLAP



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COSTA RICA**

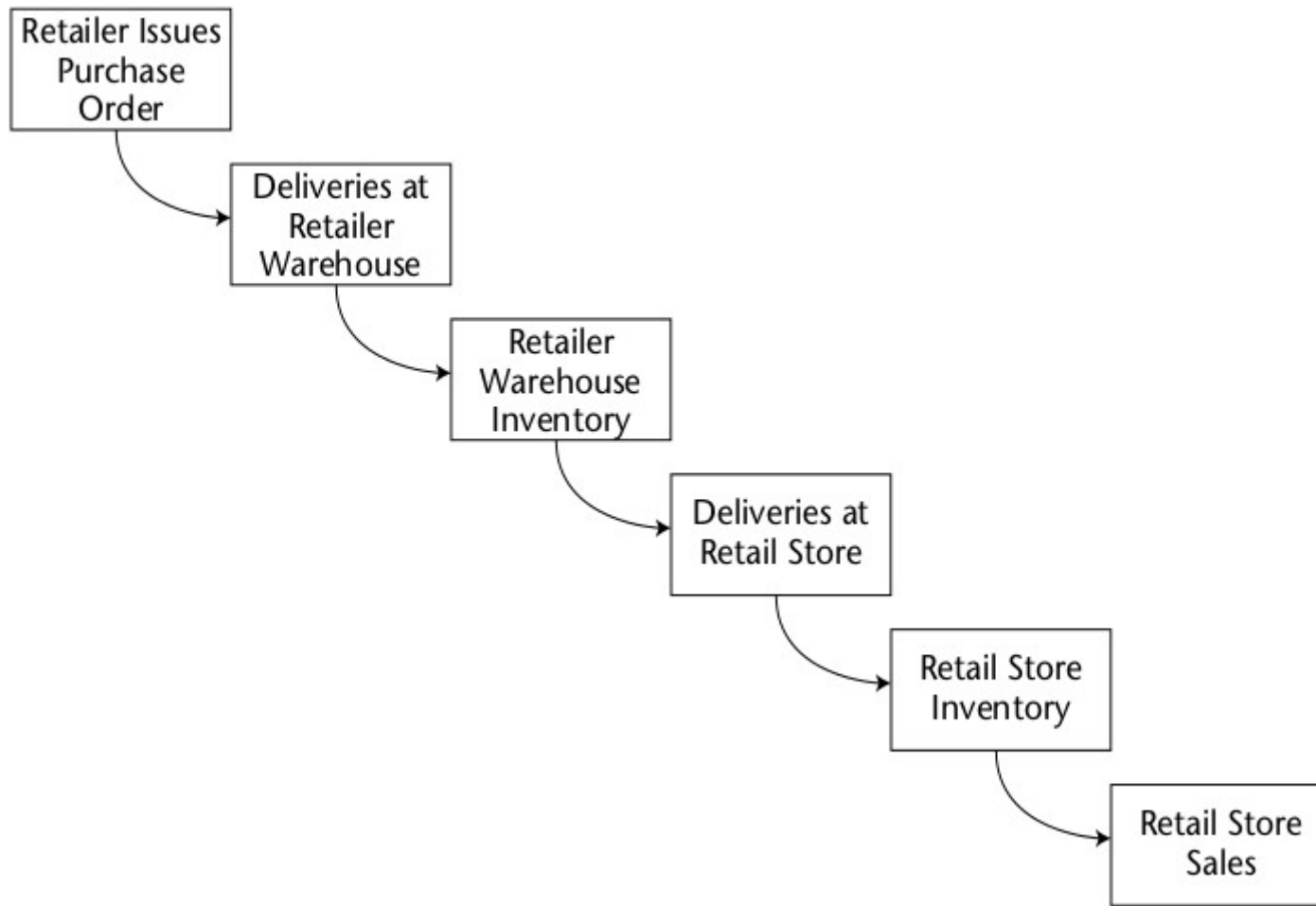
Análisis de carrito de supermercado



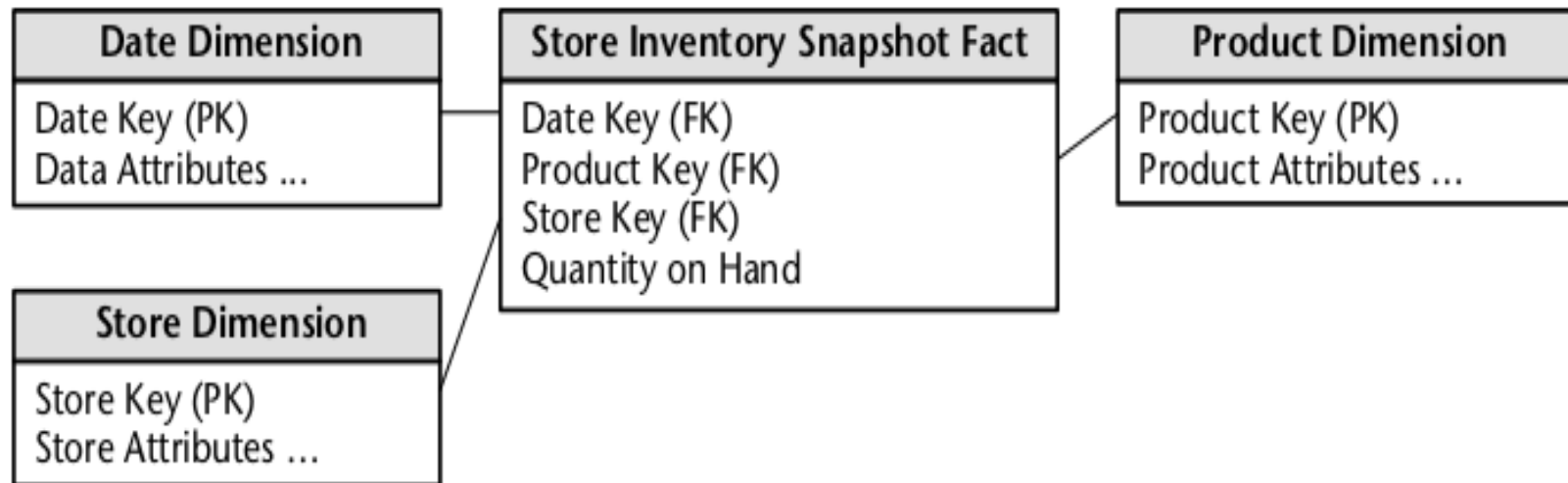
Estudio de caso: inventario

- Procesos
- Granularidad
- Dimensiones
- Hechos

Cadena de valor



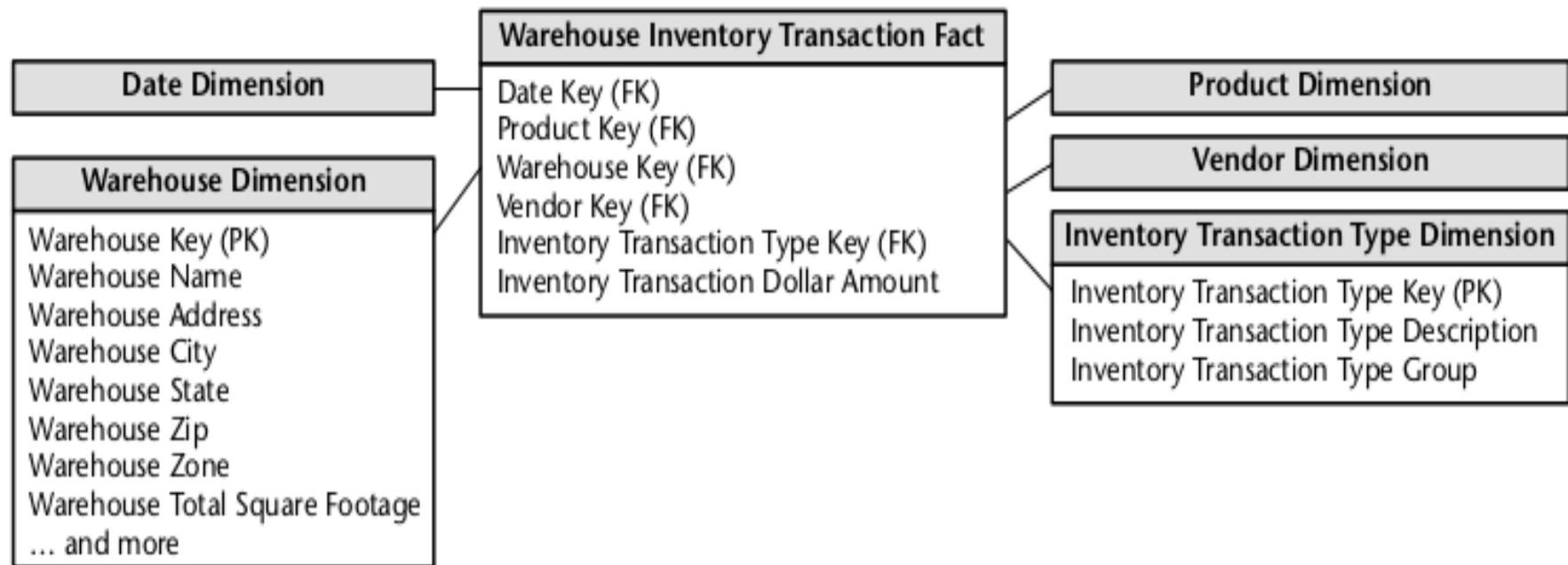
Esquema básico



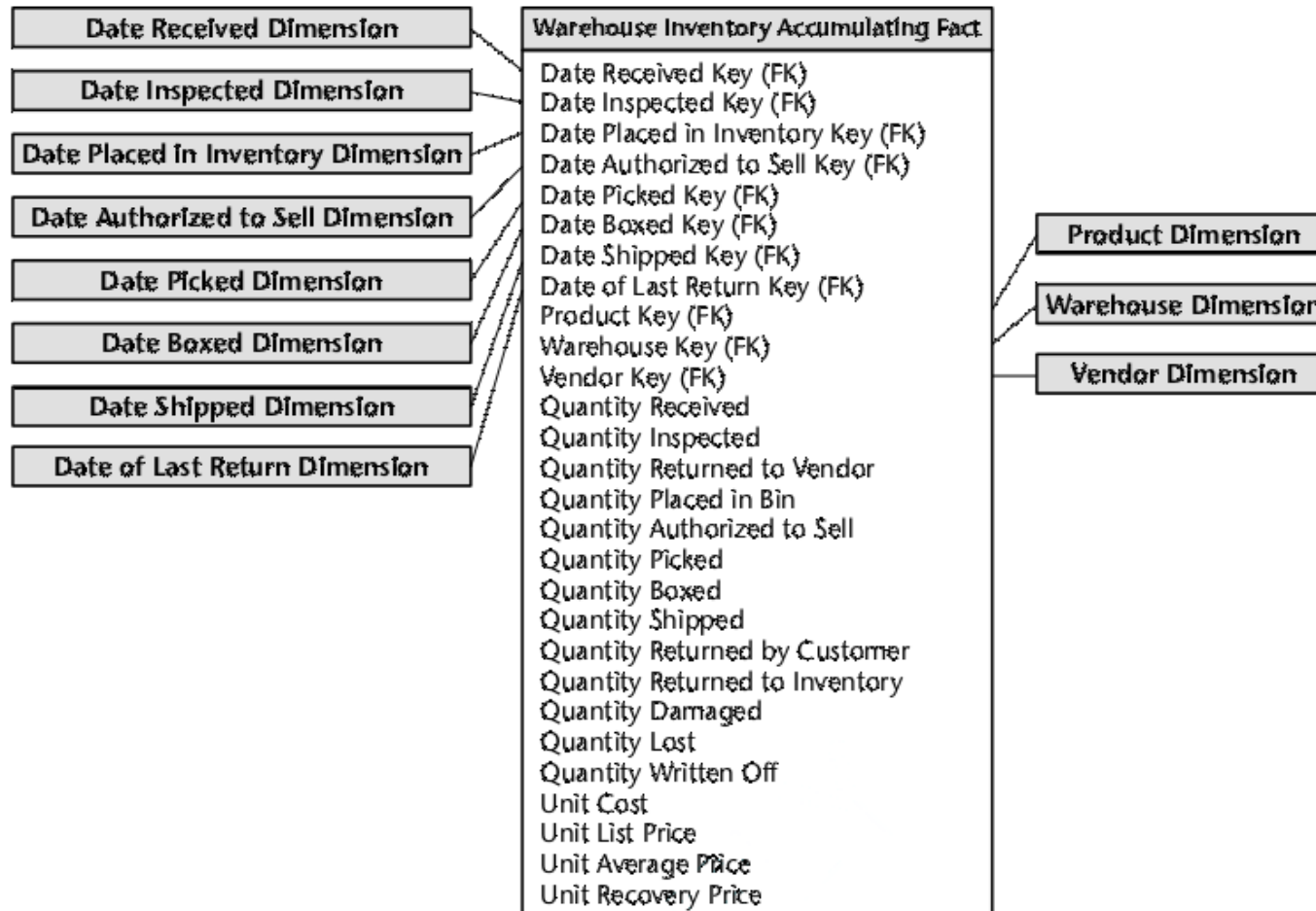
Esquema mejorado



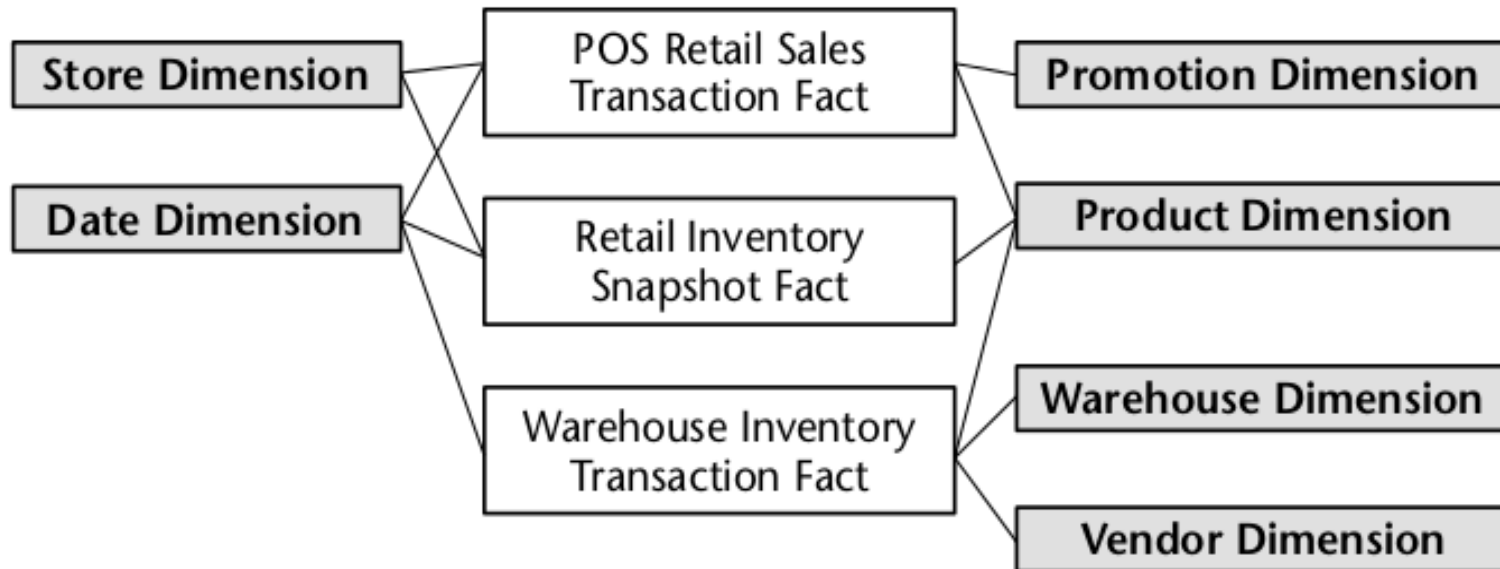
Modelo de transacciones



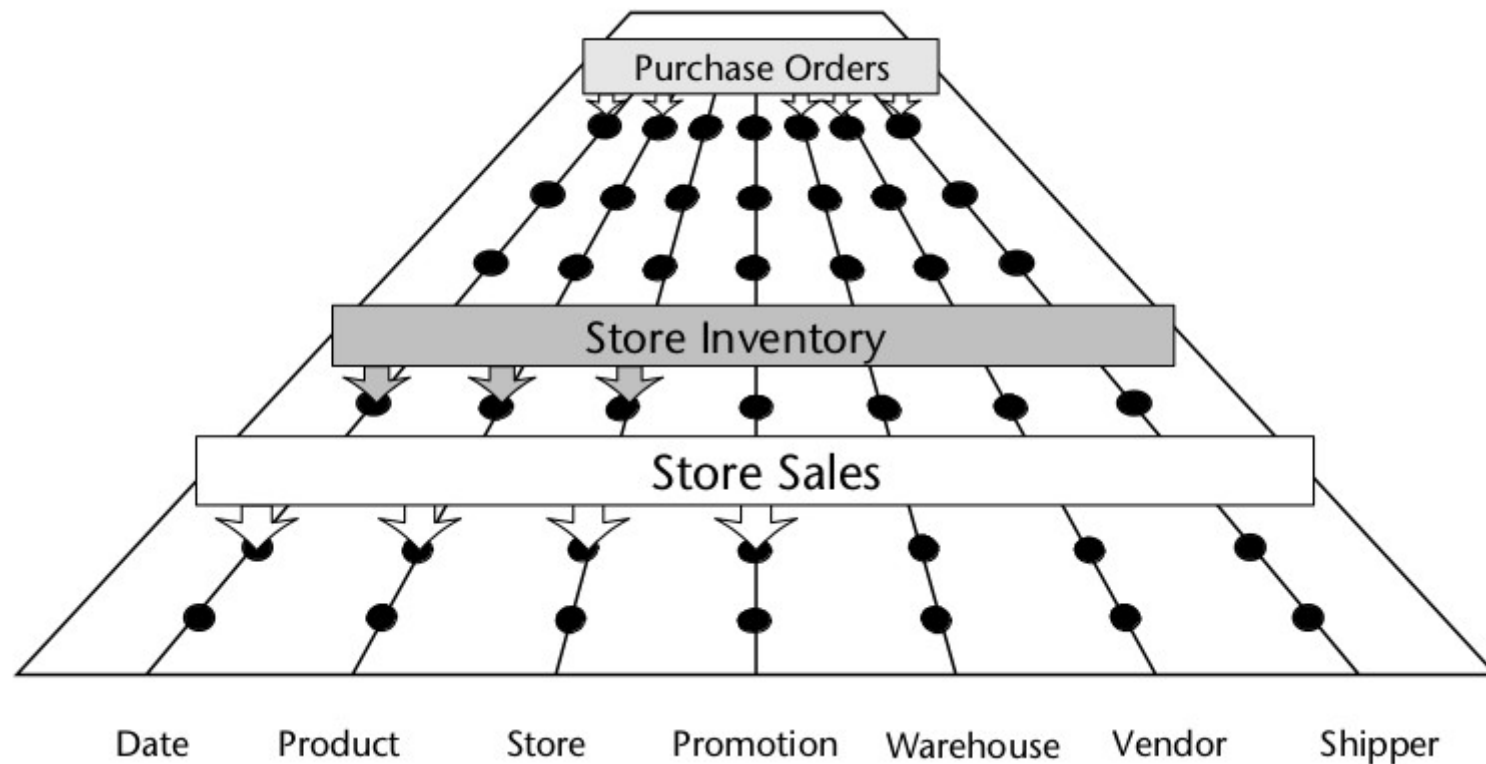
Modelo acumulado



Compartiendo dimensiones



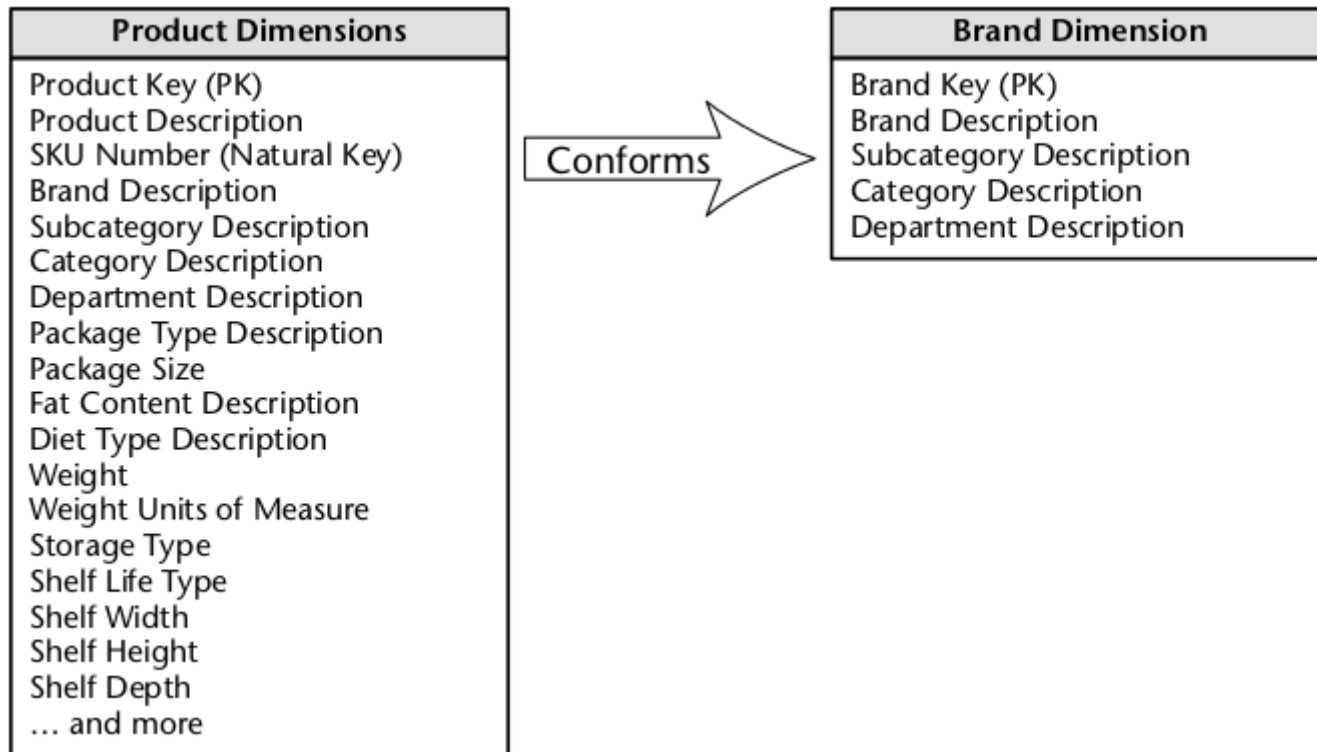
Compartiendo dimensiones



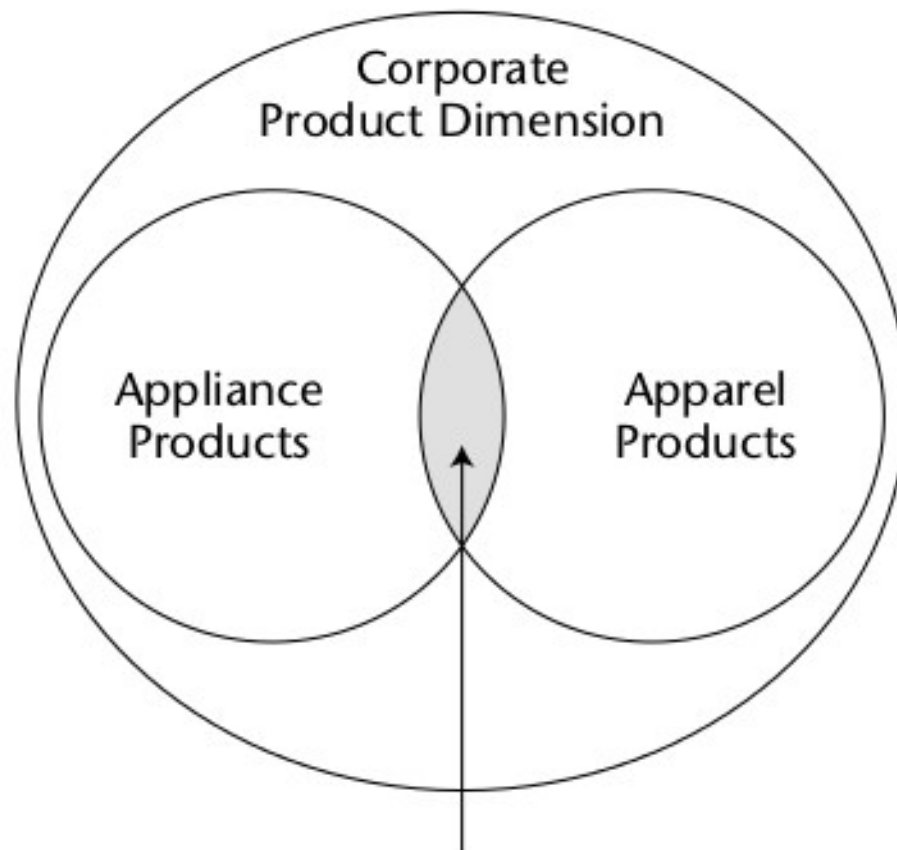
Matriz de bus de un AD

BUSINESS PROCESSES	COMMON DIMENSIONS							
	<i>Date</i>	<i>Product</i>	<i>Store</i>	<i>Promotion</i>	<i>Warehouse</i>	<i>Vendor</i>	<i>Contract</i>	<i>Shipper</i>
Retail Sales	X	X	X	X				
Retail Inventory	X	X	X					
Retail Deliveries	X	X	X					
Warehouse Inventory	X	X			X	X		
Warehouse Deliveries	X	X			X	X		
Purchase Orders	X	X			X	X	X	X

Dimensiones ajustadas



Dimensiones ajustadas



Referencias

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- Jiawey, H., Kamber, M. *Data Mining: Concepts and Techniques (Second Edition)*. Morgan-Kaufmann, 2006
- Kimball, R., Ross, M. *The Data Warehouse Toolkit: The Complete Guide to Dimensional Modeling (Second Edition)*. John Wiley & Sons, 2002