Sales Data Mart (Star Schema)

A **focused, subject-specific subset** of the Data Warehouse **designed for a particular business area or department**. In this case for the sales team.

The **Star Schema** is a database design pattern where:

- One **central fact table** contains measurable data
- **Multiple dimension tables** surround it like points of a star
- Simple, denormalized structure **optimized for queries**

gold.dim_customers

PK	customer_key
	customer_id
	customer_number
	first_name
	last_name
	country
	marital_status
	gender
	birthdate
	country

gold.fact_sales

	order_number
	product_key
FK1	
FK2	customer_key
	order_date
	shipping_date
	due_date
	sales_amount
	quantity
	price

gold.dim_products

PK	product_key
	product_id
	product_number
	category_id
	category
	subcategory
	maintenance
	cost
	product_line
	start_date

marital_status
- Married
- Single

Sales Calculation
Sales = Quantity * Price

Maintenance
- Yes
- No