

# Gold Layer Data Catalog

Microsoft SQL Server · Dimensional Model Reference

Platform	Layer	Tables	Schema
SQL Server	Gold	3	gold

## gold.dim\_customers

Stores customer details enriched with demographic and geographic data.

Column Name	Data Type	Description
customer_key	INT	Surrogate key uniquely identifying each customer record.
customer_id	INT	Unique numerical identifier assigned to each customer.
customer_number	NVARCHAR(50)	Alphanumeric identifier for tracking and referencing.
first_name	NVARCHAR(50)	The customer's first name, as recorded in the system.
last_name	NVARCHAR(50)	The customer's last name or family name.
country	NVARCHAR(50)	The country of residence (e.g., 'Australia').
marital_status	NVARCHAR(50)	The marital status (e.g., 'Married', 'Single').
gender	NVARCHAR(50)	The gender (e.g., 'Male', 'Female', 'n/a').
birthdate	DATE	Date of birth, formatted as YYYY-MM-DD.
create_date	DATE	Date when the customer record was created.

## gold.dim\_products

Provides information about products and their attributes.

Column Name	Data Type	Description
product_key	INT	Surrogate key uniquely identifying each product record.
product_id	INT	Unique identifier for internal tracking and referencing.
product_number	NVARCHAR(50)	Alphanumeric code for categorization or inventory.
product_name	NVARCHAR(50)	Descriptive name including type, color, and size.
category_id	NVARCHAR(50)	Unique identifier for the product's category.
category	NVARCHAR(50)	Broader classification (e.g., Bikes, Components).
subcategory	NVARCHAR(50)	Detailed classification within the category.
maintenance_required	NVARCHAR(50)	Indicates whether maintenance is required (Yes/No).
cost	INT	The cost or base price in monetary units.
product_line	NVARCHAR(50)	Product line or series (e.g., Road, Mountain).
start_date	DATE	Date when the product became available for sale.

## gold.fact\_sales

Stores transactional sales data for analytical purposes.

Column Name	Data Type	Description
order_number	NVARCHAR(50)	Unique alphanumeric identifier for each sales order.
product_key	INT	Surrogate key linking to the product dimension table.
customer_key	INT	Surrogate key linking to the customer dimension table.
order_date	DATE	The date when the order was placed.
shipping_date	DATE	The date when the order was shipped.
due_date	DATE	The date when the order payment was due.
sales_amount	INT	Total monetary value of the sale (e.g., 25).
quantity	INT	Number of units ordered for the line item.
price	INT	Price per unit for the line item (e.g., 25).