Gold Layer Data Catalog

Databricks Unity Catalog · Delta Lake · Dimensional Model Reference

PLATFORM	FORMAT	TABLES	CATALOG
Databricks	Delta Lake	3	gold

gold.dim_customers

Stores customer details enriched with demographic and geographic data.

Column Name	Data Type	Description
customer_key	BIGINT	Surrogate key uniquely identifying each customer record.
customer_id	BIGINT	Unique numerical identifier assigned to each customer.
customer_number	STRING	Alphanumeric identifier for tracking and referencing.
first_name	STRING	The customer's first name, as recorded in the system.
last_name	STRING	The customer's last name or family name.
country	STRING	The country of residence (e.g., 'Australia').
marital_status	STRING	The marital status (e.g., 'Married', 'Single').
gender	STRING	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	BIGINT	Surrogate key uniquely identifying each product record.
product_id	BIGINT	Unique identifier for internal tracking and referencing.
product_number	STRING	Alphanumeric code for categorization or inventory.
product_name	STRING	Descriptive name including type, color, and size.
category_id	STRING	Unique identifier for the product's category.
category	STRING	Broader classification (e.g., Bikes, Components).
subcategory	STRING	Detailed classification within the category.
maintenance_required	STRING	Indicates whether maintenance is required (Yes/No).
cost	BIGINT	The cost or base price in monetary units.
product_line	STRING	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	STRING	Unique alphanumeric identifier for each sales order.
product_key	BIGINT	Surrogate key linking to the product dimension table.
customer_key	BIGINT	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	BIGINT	Total monetary value of the sale (e.g., 25).
quantity	BIGINT	Number of units ordered for the line item.
price	BIGINT	Price per unit for the line item (e.g., 25).

order_number	STRING
product_key	BIGINT
customer_key	BIGINT
order_date	DATE