

Data Dictionary

Table: Customer

customer_id	INT	Primary Key. Unique ID for each customer
first_name	VARCHAR(45)	Customer's First Name
last_name	VARCHAR(45)	Customer's Last Name
phone_num	INT	Customer's phone number
email	VARCHAR(45)	Customer's email address
street_name	VARCHAR(45)	Customer's street address
city	VARCHAR(45)	Customer's city
state	VARCHAR(45)	Customer's state
zip_code	INT	Customer's ZIP or postal code

Table: orders

orders_id	INT	Primary Key. Unique ID for each order.
order_status	VARCHAR(45)	Current status of the order (e.g., Pending, Shipped)
order_date	DATETIME	Date the order was placed.
required_date	DATETIME	Date the order is required to be fulfilled
shipped_date	DATETIME	Date the order was shipped
customer_customer_id	INT	Foreign Key referencing <code>customer(customer_id)</code> . Identifies which customer placed the order.

Table: order_item

order_item_id	INT	Primary Key. Unique ID for each order line item
orders_orders_id	INT	Foreign Key referencing <code>orders(orders_id)</code> . Identifies which order this item belongs to.
products_product_id	INT	Foreign Key referencing <code>product(product_id)</code> . Identifies which product was ordered.
quantity	INT	Quantity of this product in the order
list_price	INT	List product of the product at time of order
discount	INT	Discount applied to the product, if any

Table: employee

employee_id	INT	Primary Key. Unique ID for each employee
first_name	VARCHAR(45)	Employee's first name
last_name	VARCHAR(45)	Employee's last name

email	VARCHAR(45)	Employee's email address
phone	INT	Employee's phone number
stores_store_id	INT	Foreign key referencing stores(stores_id). Identifies which store the employee works at.
manager_id	INT	Foreign Key referencing <code>employee(employee_id)</code> . Identifies the manager of this employee (self-referential).

Table: stores

stores_id	INT	Primary Key. Unique id for each store
store_name	VARCHAR(45)	Name of the store location
phone	INT	Store's phone number
email	VARCHAR(45)	Store's contact email
street	VARCHAR(45)	Street address of the store
city	VARCHAR(45)	City where the store is located
state	VARCHAR(45)	State where the store is located
zip_code	INT	ZIP code of the store's address

Table: stock

stores_store_id	INT	Foreign Key (Composite) referencing <code>stores(stores_id)</code> . Identifies which store holds the stock.
products_product_id	INT	Foreign Key (Composite) referencing <code>product(product_id)</code> . Identifies which product is in stock.
quantity	INT	Quantity of this product currently in stock at the given store.

Table: product

product_id	INT	Primary Key. Unique ID for each product
product_name	VARCHAR(45)	Name of the product
product_details_product_id	INT	Foreign Key referencing <code>product_details(product_product_id)</code> . Links to product specifications.
stores_stores_id	INT	Foreign Key referencing <code>stores(stores_id)</code> . Identifies which store sells this product.
category_category_id	INT	Foreign Key referencing <code>category(category_id)</code> . Identifies the category of the product.

brand_brand_id	INT	Foreign Key referencing <code>brand(brand_id)</code> . Identifies the brand of the product.
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Table: product details

product_product_id	INT	Primary Key. Unique ID for product details (corresponds to <code>product.product_id</code>).
model_year	INT	Year the product model was released
list_price	INT	Manufacturer's suggested retail price (MSRP) for the product

Table: brand

brand_id	INT	Primary Key. Unique ID for each brand
brand_name	VARCHAR(45)	Name of the brand

Table: category

category_id	INT	Primary Key. Unique ID for each product category
category_name	VARCHAR(45)	Name of the product category