

Tables

Customer

FA22_SG_Customer			
Column	Type	Optional	Comments
Customer_ID (PK)	varchar(50)		Customer ID, unique and mandatory, PK of the table.
Email	varchar(50)		Email address of the customer, used in registration and logging in.
Password	varchar(50)		Password of customer's account, used to verify when logging in.
First_Name	varchar(20)		First Name of the customer.
Last_Name	varchar(20)		Last Name of the customer.
Segment	varchar(20)		Group of customers is divided based on the customers' characteristics.
Security_Answer	varchar(100)		The answer to a security question.
Security_Question_ID	varchar(50)		
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Security_Question

FA22_SG_Security_Question			
Column	Type	Optional	Comments
Security_Question_ID (PK)	varchar(50)		ID of the security question, unique and mandatory, PK of the table.
Security_Question	varchar(100)		Security question.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Password_Reset_Token

FA22_SG_Password_Reset_Token			
Column	Type	Optional	Comments
Token (PK)	varchar(50)		ID of the security question, unique and mandatory, PK of the table.
Ccustomer_ID	varchar(50)		Customer ID, foreign key from the table customer.
Expiry_Date	Datetime		The expiry date of a token.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

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Credit_Card

FA22_SG_Credit_Card			
Column	Type	Optional	Comments
Credit_Card_ID (PK)	varchar(50)		ID of the payment of the order, unique and mandatory, PK of the table.
CardHolder_First_Name	varchar(20)		The first name of the credit card holder.
CardHolder_Last_Name	varchar(20)		The last name of the credit card holder.
Card_Number	varchar(30)		The card number of the credit card.
Expired_Date	varchar(10)		The expired date of the credit card.
CVV	varchar(10)		CVV of credit card.
Customer_ID	varchar(50)		
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Ship_Address

FA22_SG_Ship_Address			
Column	Type	Optional	Comments
Ship_Address_ID (PK)	varchar(50)		ID of the shipping address, part of the composite PK.
Customer_ID (PK)	varchar(50)		Customer ID, part of the composite PK.
Postal_Code	varchar(10)	Yes	Postal Code in the shipping address, optional outside US.
City	varchar(50)		City in the shipping address.
State	varchar(50)		State in the shipping address.
Country	varchar(50)		Country in the shipping address.
Region	varchar(20)		Region of the shipping address.
Market	varchar(20)		Where the market is in, eg. Europe.
Is_Primary	varchar(1)		Y means that the address is the primary address, N means the address is not the primary address.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Order

FA22_SG_Order			
Column	Type	Optional	Comments
Order_ID (PK)	varchar(50)		ID of the order, unique and mandatory, PK of the table.
Order_Date	datetime		The date the order is placed.
Ship_Mode	varchar(30)		Ship mode of the order.
Postal_Code	varchar(10)	Yes	Postal Code in the shipping address, optional outside US.
City	varchar(50)		City in the shipping address.
State	varchar(50)		State in the shipping address.
Country	varchar(50)		Country in the shipping address.
Region	varchar(20)		Region of the shipping address.
Market	varchar(20)		Where the market is in, eg. Europe.
Order_Priority	varchar(30)		Type of the priority of an order.
Is_Returned	varchar(1)		Y means that the order is returned, N means the order is not returned.
Credit_Card_Holder	varchar(50)		
Credit_Card_Number	varchar(30)		
Credit_Card_Expired_Date	varchar(10)		
Credit_Card_Cvv	varchar(100)		

Customer_ID	varchar(50)		Unique number of customers.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Order_Product (Intersect table between Order and Product)

FA22_SG_Order_Product			
Column	Type	Optional	Comments
Order_ID (PK)	varchar(50)		ID of the order, part of the composite PK of the table.
Product_ID (PK)	varchar(50)		ID of the product, part of the composite PK of the table.
Quantity	int		Quantity of the product that is sold in one order.
Actual_Price	decimal(7, 2)		
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Product

FA22_SG_Product

Column	Type	Optional	Comments
Product_ID (PK)	varchar(50)		ID of the product, part of the composite PK of the table.
Product_Name	varchar(200)		Name of the product.
Unit_Price	decimal(7, 2)		The price of a product.
Discount	decimal(2, 2)		Percentage of the discount, already applied to the product.
Quantity	int		
Category_ID (PK)	varchar(50)		Unique number of category.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp automatically.

Category

FA22_SG_Category			
Column	Type	Optional	Comments
Category_ID (PK)	varchar(50)		ID of the category of the product, unique and mandatory, PK of the table.
Category	varchar(20)		Category name.
Subcategory	varchar(20)		Sub-category name.
Last_Modified	timestamp		Last_Modified would be updated with system timestamp

			automatically.
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