Data Warehouse Schema Design:

Dimensions:

Customer Dimension:
- customer_id (PK)
- full_name
- membership_type_id (FK)
- loyalty_number
- membership_valid_from
- membership_valid_to
- created_date
- update_date

Items Dimension:
- item_id (PK)
- item_name
- sale_price
- cost_price
- parent_item_id (FK)
- created_date

Campaign Dimension:
- campaign_id (PK)
- campaign_name
- membership_type_id (FK)
- store_id (FK)
- vallid_from_date
- vallid_from_date
- is_expired
- created_date
- created_by

Store Dimension:
- store_id (PK)
- store_name
- address
- city
- country
- tax_rate_1
- tax_rate_2
- created_date

Customer Preferences Dimension:
- customer_preferences_id (PK)
- customer_id (FK)
- preference_id (FK)

- preference_name
- preference_value
- created_date

Order List Dimension:
- order_list_id (PK)
- order_id (FK)
- item_id (FK)
- sale_price
- created_date
- updated_date

Order Satus Dimension:
- order_status_id (PK)
- order_status_name
- created_date
- updated_date
- Target Audience
- Campaign Type

Facts:

Orders Fact:
- order_id (PK)
- customer_id (FK)
- campaign_id (FK)
- store_id (FK)
- order_list_is (FK)
- Item_id (FK)
- order_status_id (FK)
- customer_preference_id (FK)
- total_gross
- since_create_till_order
- gross_per_slae
- customer_preferences
- Delivery_time
- Since_create_till_add_preference
- Since_improve_membership
- Campain_per_store