Fact & Dimension Table Description

1. Sales Fact Table:
   This table records the core sales transactions. Grain: Each row corresponds to a single sales transaction daily. The table captures all the critical metrics related to sales, such as sales amount and units sold, to enable comprehensive sales analysis across different dimensions.

2. Target Product Fact:
   Tracks targeted or specific product-related metrics. Grain: Each row contains performance data for a particular product on a given date. This table allows for detailed analysis of product performance, and tracking metrics like sales quantity targets.

3. Target Channel Fact:
   Provides information on performance across various sales channels. Grain: Each row is a target sales amount for a specific channel and date. It is used to analyze channel-specific performance.

4. Location Dimension:
   This table contains geographic data for store and transaction locations. Grain: Each row represents a unique postal code area. Geographical information is crucial for regional-wise analysis.

5. Customer Dimension:
   This table stores information about customers. Grain: Each row represents an individual customer. Customer details are essential information related to the sale of a product.

6. Date Time Dimension:
   This table provides a breakdown of time. Grain: Each row represents a single day. Time dimensions are important information for sales transactions.

7. Product Dimension:

   This table gives details about the products. Grain: Each row is a unique product. This table is necessary for giving information about the product performance.

8. Store Dimension:

   This table contains details about the store. Grain: Each row corresponds to one store. Store-specific data is used to evaluate store performance.

9. Reseller Dimension:

   This table gives details about resellers or distribution partners. Grain: Each row represents one reseller. This is critical for tracking and analyzing sales through various resellers.

10. Channel Dimension:

    This table gives information about various sales channels. Grain: Each row is a unique sales channel. This is useful for differentiating sales by channel. It helps in assessing channel effectiveness.