

Breakdown of individual steps

Step 1: Identify key information

Identify the grain: Global Super Store is an international company that has been operating for several years. So, they need to investigate their sales at the following levels of granularity:

- Region, country and city.
- Year, quarter, month, day or event levels.
- Category, subcategory and items.

Identify the facts: Global Super Store must investigate all the measures that impact the sales including:

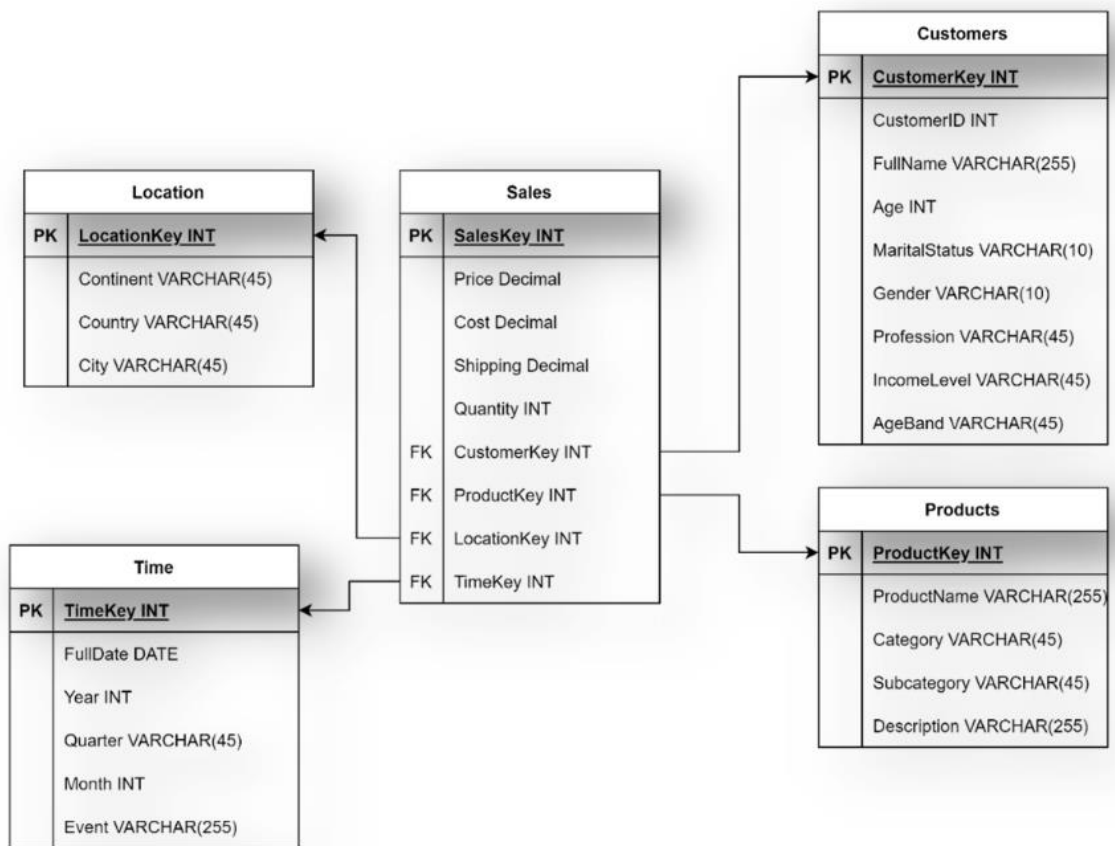
- The buy and sale prices of all products.
- The quantity sold of each product.
- The shipping cost of each product.

Identify the dimensions: Global Super Store must examine the measures against the following key dimensions:

- Location.
- Time.
- Product.
- And customers.

Step 2: Create a star schema

The following ER diagram illustrates a suitable Star schema for the Global Super Store dimensional model



Step 3: Create a snowflake schema

The following ER diagram illustrates a suitable Snowflake schema for Global Super Store dimensional model.

