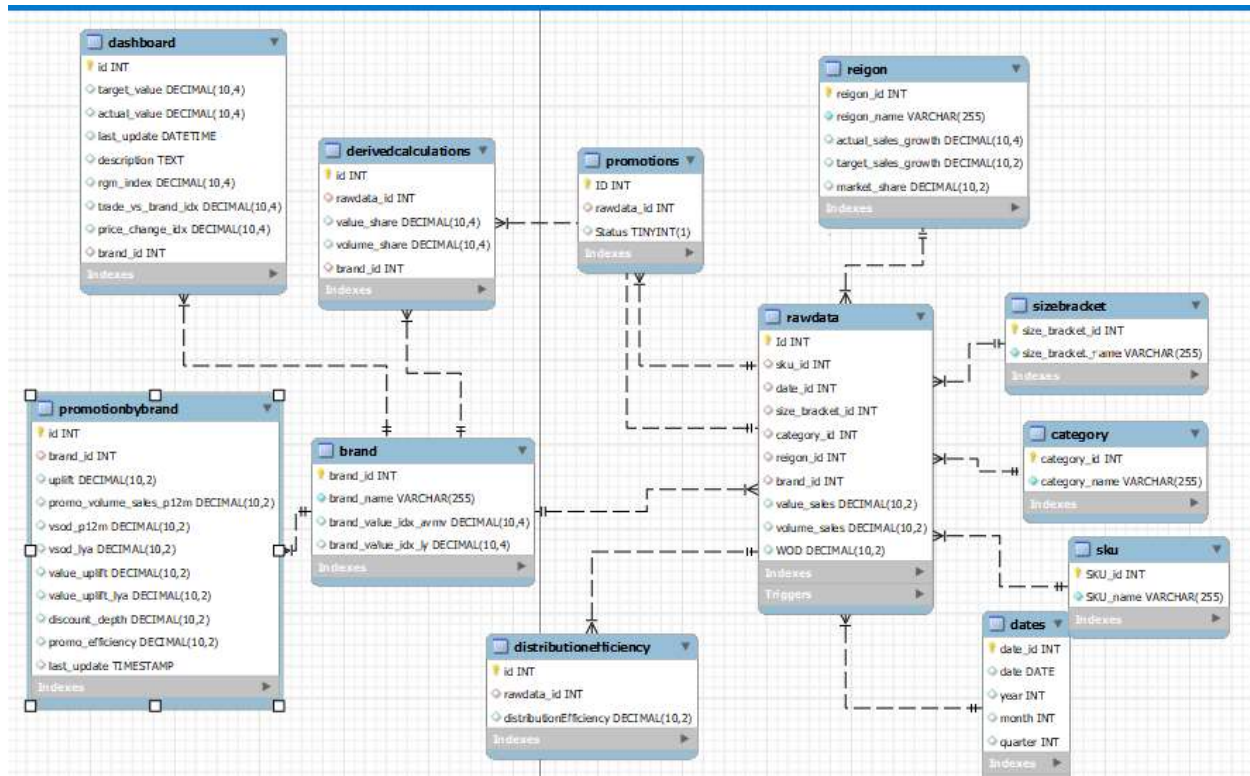


Database Schema Edits



Tables

Raw Data

Main table we ingest the data in it valueSales,volumeSales And WOD

1. ID Primary key of the table
2. sku_ID Foreign key of the sku table
3. reigon_ID Foreign key of the reigon table
4. size_bracket_ID Foreign key of the sizebracket table
5. brand_ID Foreign key of the brand table
6. category_ID Foreign key of the category table
7. date_id Foreign key of the dates table
8. value_sales The value of sales of all the market
9. volume_sales The number of products sold of all the market

10. WOD Weighted distribution

SKU

Table which got sku id and it's names

1. **sku_name** name of each sku
2. **sku_ID** primary key of the sku table

Reigon

Table which got Region id and it's names sorry for misspelling while creating the table

1. **Reigon_name** name of each Reigon
2. **Reigon_ID** primary key of the Reigon table

Category

Table which got Category id and it's names

1. **Category_name** name of each Category
2. **Category_ID** primary key of the Category table

size bracket

Table which got size_bracket id and it's names

1. **size_bracket_name** name of each size_bracket
2. **size_bracket_id** primary key of the size_bracket table

Brand

Table which got brand id,names and some brands calculations which was took from dashboard table

1. **brand_name** name of each brand
2. **brand_ID** primary key of the brand table
3. **brand_value_idx_avmv** Measures the brand value performance relative to the market average.

$$\text{Brand\ Value\ Index} = \frac{\text{Brand\ Value\ Sales}}{\text{Average\ Market\ Value\ Sales}}$$



3. **brand_value_idx_ly** Evaluates how the brand's value sales have changed relative to the previous year.

$$\text{Brand\ Value\ Index} = \frac{\text{Value\ Sales\ Of\ Your\ Brand\ This\ Year}}{\text{Value\ Sal}}$$



Dates

Table which takes date and add year, month and quarter columns

1. **date_id** primary key of the date table
2. **date** Date which was taken from data
3. **year** year which auto calculated from the date
4. **month** month which auto calculated from the date
5. **quarter** quarter which auto calculated from the date

Promotions

Table which shows if the product promoted or not

1. **ID** primary key of the promotions table
2. **Rawdata_id** Id of the raw data table (Foreign key)
3. **Status** Show if the raw of this data sku is promoted or not

Distribution Efficiency

Focuses on the efficiency of product distribution, calculated by dividing the value sales by the weighted distribution (WTD).

1. **DistributionEfficiency** Measures how effectively value sales are tracked or achieved in relation to the weighted distribution.

$$\text{Distribution\ Efficiency} = \frac{\text{Value\ Sales}}{\text{WOD}}$$

2. **rawdata_id** which takes the data from rawdata table

Dashboard

Same as the given documentation

I removed brand value index amv and brand value index ly and added them to the brand id

brand_id the brand id is to relate this table with brand table

trade_vs_brand_idx to be calculated after brand fair share

price_change_idx to be calculated after knowing the manufacturers

BrandPromotion

Same as documentation to be delivered by tomorrow.