

```
CREATE DATABASE RETAIL;
USE RETAIL;
```

```
CREATE TABLE demographic_RAW
(AGE_DESC          CHAR(20),
MARITAL_STATUS_CODE CHAR(5),
INCOME_DESC        VARCHAR(40),
HOMEOWNER_DESC     VARCHAR(40),
HH_COMP_DESC        VARCHAR(50),
HOUSEHOLD_SIZE_DESC VARCHAR(50),
KID_CATEGORY_DESC   VARCHAR(40),
household_key INT PRIMARY KEY
);
```

```
CREATE TABLE CAMPAIGN_DESC_RAW
(DESCRIPTION CHAR(10) ,
CAMPAIGN      INT ,
START_DAY     INT,
END_DAY INT,
PRIMARY KEY (DESCRIPTION,CAMPAIGN)
);
```

```
CREATE INDEX IN01 ON campaign_desc_raw(DESCRIPTION);
CREATE INDEX IN02 ON campaign_desc_raw(CAMPAIGN);
```

```
CREATE TABLE CAMPAIGN_RAW
(DESCRIPTION CHAR(10) ,
household_key INT,
CAMPAIGN INT,
FOREIGN KEY (DESCRIPTION,CAMPAIGN) references
CAMPAIGN_DESC_RAW(DESCRIPTION,CAMPAIGN) ,
FOREIGN KEY (household_key) references demographic_RAW(household_key)
);
```

```
CREATE TABLE PRODUCT_RAW
(PRODUCT_ID INT PRIMARY KEY,
MANUFACTURER INT,
DEPARTMENT VARCHAR(50),
BRAND VARCHAR(30),
COMMODITY_DESC VARCHAR(65),
SUB_COMMODITY_DESC VARCHAR(65) ,
CURR_SIZE_OF_PRODUCT VARCHAR(15)
);
```

```
CREATE TABLE COUPON_RAW
(COUPON_UPC INT,
PRODUCT_ID INT,
CAMPAIGN INT,
```

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FOREIGN KEY (PRODUCT_ID) references PRODUCT_RAW(PRODUCT_ID),  
FOREIGN KEY (CAMPAIGN) references CAMPAIGN_DESC_RAW(CAMPAIGN)  
);
```

```
CREATE TABLE COUPON_REDEMPT_RAW  
(household_key INT,  
DAY INT,  
COUPON_UPC INT,  
CAMPAIGN INT,  
FOREIGN KEY (household_key) references demographic_RAW(household_key),  
FOREIGN KEY (CAMPAIGN) references CAMPAIGN_DESC_RAW(CAMPAIGN)  
);
```

```
CREATE TABLE TRANSACTION_RAW  
(household_key INT,  
BASKET_ID INT,  
DAY INT,  
PRODUCT_ID INT,  
QUANTITY INT,  
SALES_VALUE FLOAT,  
STORE_ID INT,  
RETAIL_DISC FLOAT,  
TRANS_TIME INT,  
WEEK_NO INT,  
COUPON_DISC INT,  
COUPON_MATCH_DISC INT,  
FOREIGN KEY (PRODUCT_ID) references PRODUCT_RAW(PRODUCT_ID),  
FOREIGN KEY (household_key) references demographic_RAW(household_key)  
);
```