While exploring the 3 datasets few columns that were hard to understand or needed more clarity:

1. In the transaction\_takehome data column “FINAL\_QUANTITY” has 0 values present but in the schema it’s mentioned that it is a NUMERIC column so what does 0 represent here: A missing or invalid quantity? I have assumed it to be NUMERIC so I have converted the datatype in my Jupyter notebook while analyzing the data.
2. SCAN\_DATE VS PURCHASE\_DATE: What is the main difference between these 2 columns in the TRANSACTION\_TAKEHOME data.

My interpretation:

PURCHASE\_DATE: Date when the customer purchased i.e transaction

SCAN\_DATE: Date when it was recorded in the system

1. Columns “BARCODE” in both PRODUCT\_TAKEHOME data and TRANSACTION\_TAKEHOME does it represent a unique ID.In my analysis I found some barcodes not in the transaction\_data not present in the Products\_data
2. Few records where I found User BIRTH\_DATE> User Created\_date. So this was logically not making sense more understanding will be needed for these columns.