2nd Normal Form
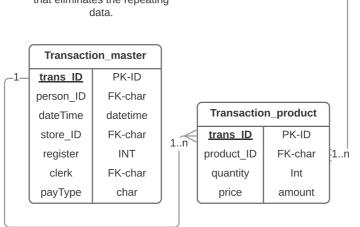
We started out by putting all of the transaction data into a single table. This caused repeating data for each order.

We normalized our data by creating a new Transaction_master table where we moved the repeating data. The transaction_master table has a single record per order that eliminates the repeating data.

Transaction_product

trans_ID	PK-ID
person_ID	FK-char
dataTime	datetime
store_ID	FK-char
register	Int
clerk	FK-char
payType	char
product_ID	FK-char
quantity	Int
price	amount

Transaction_master

trans_ID	PK-ID
person_ID	FK-char
dateTime	datetime
store_ID	FK-char
register	INT
clerk	FK-char
payType	char

1

Transaction_product

trans_ID	PK-ID
product_ID	FK-char
quantity	Int
price	amount

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Product

ID	PK-char
description	char
current_price	amount
reward_factor	Int
Onhand	Int
reorder_pt	Int
reorder_qty	Int
uomeasure	Int

1

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