

Friday Lab – Dimensional Model - Exercise

The RiteAid corporation has hired you to design a dimensional data model to support analysis of their Point of Sales data. In preparation for a requirements gathering meeting with executives from the RiteAid corporation, you will be creating a draft data model based on data attributes found on a receipt generated by the RiteAid Point of Sales system. A receipt only shows a fraction of the available attributes found in a POS system, but it does give you a good idea of the types of attributes available. In addition to creating a draft data model, you will also form a list of assumptions and questions. An exercise such as this is not meant to replace the process of gathering requirements, but rather enhance the process by creating a reference model and talking points.

Use the below receipt to draw a draft data model, Include attributes found on the receipt. Use the diagram standards found in the book and slides. Be sure to show table relationships, and label the keys. In addition to your data model, create a list of assumptions made (such as attributes not found on the receipt, but you believe would be found in POS system) Also, create a list of question for the customer (such as clarifications of business process, or Q's about attributes found on receipt).

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Store #00704
Walgreen Co. DBA Rite Aid
330 PINE TREE RD
ITHACA, NY 14850
(607) 273-2035

Register #2 Transaction #1927972
Cashier #7046086 8/27/18 5:25PM

wellness+ rewards
Dscnt Card#: 95XXXXX2885
1 KLONDIKE BARS 27Z 6PK 4.79 F
Regularly 1/5.99
Discount 1.20-
1 AZ LEMON TEA 23Z CAN PP.9 0.79 F
Regularly 1/0.99
Discount 0.20-
1 AZ LEMON TEA 23Z CAN PP.9 0.79 F
Regularly 1/0.99
Discount 0.20-
1 KIDCENTS CONTRIBUTION 0.63

4 Items Subtotal 6.37
Tax .00
KidCents .63
Total 7.00

*VISA *
VISA card * #XXXXXXXXXXXX[REDACTED]
App #AA APPROVAL AUTO
Ref # [REDACTED]
Entry Method: Chip

Application Label: Visa Credit
AID: A00000000[REDACTED]
TVR: [REDACTED]
TSI: [REDACTED]
AC: [REDACTED]
ARC: 00

Tendered 7.00
Cash Change .00

Your wellness+ rewards
Savings: 1.60