CREATE TABLE "Users" (

"\_id" Text,

"active" Boolean,

"createdDate" Timestamp,

"lastLogin" Timestamp,

"role" Varchar(50),

"signUpSource" Varchar(50),

"state" Varchar(50),

PRIMARY KEY ("\_id")

);

CREATE TABLE "Receipts" (

"\_id" Text,

"bonusPointsEarned" Int,

"bonusPointsEarnedReason" Varchar(250),

"createDate" Timestamp,

"dateScanned" Timestamp,

"finishedDate" Timestamp,

"modifyDate" Timestamp,

"pointsAwardedDate" Timestamp,

"pointsEarned" Int,

"purchaseDate" Timestamp,

"purchaseItemCount" Int,

"rewardsReceiptStatus" Varchar(50),

"totalSpent" Int,

"user\_id" Text,

PRIMARY KEY ("\_id"),

CONSTRAINT "FK\_Receipts.user\_id"

FOREIGN KEY ("user\_id")

REFERENCES "Users"("\_id")

);

CREATE TABLE "Brands" (

"\_id" Text,

"barcode" Text,

"category" Varchar(50),

"categoryCode" Varchar(50),

"name" Varchar(150),

"topBrand" Varchar(50),

"brandCode" Varchar(50),

"cpg\_ref" Text,

"cpg\_id" Text,

PRIMARY KEY ("\_id"),

UNIQUE ("barcode")

);

CREATE TABLE "Receipts\_Fact\_table" (

"User\_id" Text,

"Brand\_id" Text,

"Receipt\_id" Text,

"Barcode" Text,

PRIMARY KEY ("User\_id", "Brand\_id", "Receipt\_id", "Barcode"),

CONSTRAINT "FK\_Receipts\_Fact\_table.Brand\_id"

FOREIGN KEY ("Brand\_id")

REFERENCES "Brands"("\_id"),

CONSTRAINT "FK\_Receipts\_Fact\_table.Barcode"

FOREIGN KEY ("Barcode")

REFERENCES "Brands"("barcode"),

CONSTRAINT "FK\_Receipts\_Fact\_table.Receipt\_id"

FOREIGN KEY ("Receipt\_id")

REFERENCES "Receipts"("\_id"),

CONSTRAINT "FK\_Receipts\_Fact\_table.User\_id"

FOREIGN KEY ("User\_id")

REFERENCES "Users"("\_id")

);

CREATE TABLE "Receipt\_Items" (

"Receipt\_id" Text,

"barcode" Text,

"description" Varchar(250),

"finalPrice" Float,

"itemPrice" Float,

"partnerItemId" Integer,

"quantityPurchased" Integer,

"discountedItemPrice" Float,

"originalReceiptItemText" Varchar(150),

PRIMARY KEY ("Receipt\_id", "barcode"),

CONSTRAINT "FK\_Receipt\_Items.Receipt\_id"

FOREIGN KEY ("Receipt\_id")

REFERENCES "Receipts"("\_id"),

CONSTRAINT "FK\_Receipt\_Items.barcode"

FOREIGN KEY ("barcode")

REFERENCES "Brands"("barcode")

);