**Brands.Json:**

Entities:

1. Products
   * **\_id** (Primary Key)
   * **name**
   * **barcode**
   * **brandCode**
   * **topBrand**
   * **categoryCode**
   * **cpg\_id** (Foreign Key referencing **Cogs** table)
2. Categories
   * **categoryCode** (Primary Key)
   * **category**
3. Cogs
   * **\_id** (Primary Key)
   * **$ref**
4. Cpgs
   * **\_id** (Primary Key)
   * **$oid**

Relationships:

* Products to Categories : A product belongs to a category based on **categoryCode**.
* Products to Cogs : A product references a cog based on **cpg\_id**.
* Cogs to Cpgs : A cog references a cpg based on **$oid**.

**Receipts.Json**

Table: **User**

* \_id (Primary Key)
* Active
* createdDate
* lastLogin
* role
* signUpSource
* state

Table: **RewardsReceipt**

* \_id (Primary Key)
* bonusPointsEarned
* bonusPointsEarnedReason
* createDate
* dateScanned
* finishedDate
* modifyDate
* pointsAwardedDate
* pointsEarned
* purchaseDate
* purchasedItemCount
* rewardsReceiptStatus
* totalSpent
* userId (Foreign Key)

Table: **RewardsReceiptItem**

* receiptItemId (Primary Key) |
* barcode
* description
* finalPrice
* itemPrice
* needsFetchReview
* partnerItemId
* preventTargetGapPoints
* quantityPurchased
* userFlaggedBarcode
* userFlaggedNewItem
* userFlaggedPrice
* userFlaggedQuantity
* needsFetchReviewReason
* pointsNotAwardedReason
* pointsPayerId
* rewardsGroup
* rewardsProductPartnerId
* userFlaggedDescription
* rewardsReceiptId (Foreign Key)

**Users.Json**

Table: **User**

* \_id (Primary Key)
* active
* createdDate
* lastLogin
* role
* signUpSource
* state