Database Schema:

This schema represents the structure of the data in the document, with each table corresponding to a list in the document and each field corresponding to a column in the list. The schema can be used to create a database that stores and organizes the data in a structured and efficient manner.

**Tables:**

* BagelInventory
* Recipe
* Production
* Bake
* BakedBagels
* Sales
* TransactionHistory

**BagelInventory**

* ItemID
* ItemName
* Description
* Quantity
* ReorderLevel
* SupplierInformation
* Location

**Recipe**

* ItemID
* Ingredient
* Quantity
* Cost

**Production**

* BatchID
* ItemID
* StartTime
* Stage
* LaborHours
* BoardsProduced
* ExpiryDate

**Bake**

* Date
* DayOfWeek
* BoardsBaked

**BakedBagels**

* Date
* ItemID
* BagelsBaked
* BagelsWasted
* SellableBagels

**Sales**

* Date
* ItemID
* BagelsSold

**TransactionHistory**

* TransactionID
* ItemID
* TransactionType
* Quantity
* Date