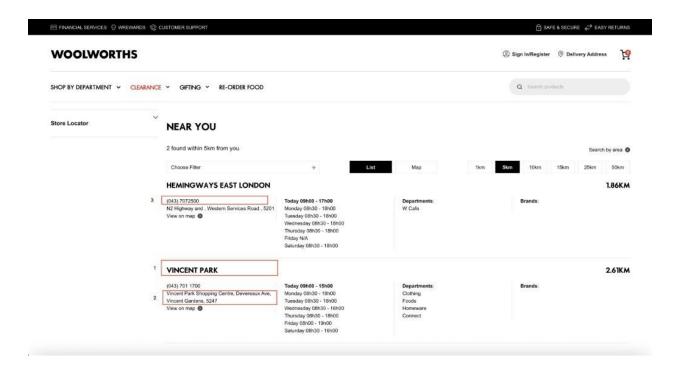
Stores

Column Name	Data Type
StoreId (PK)	Int
StoreName	String
Brand	String
Address	String
Country	String
Latitude	Float
Longitude	Float
PhoneNumber	String
WebsiteAddress	String
DeliveryAvailability	Boolean
OpenSince	Int

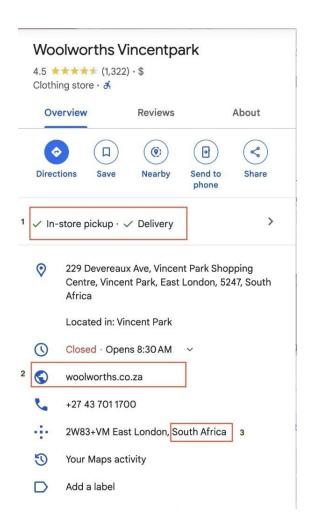
Source 1: https://www.woolworths.co.za/storelocator



1. Stores.StoreName

- 2. Stores.Address
- 3. Stores.PhoneNumber

Source 2: Google Maps



- 1. Stores.DeliveryAvailability
- 2. Stores.WebsiteAddress
- 3. Stores.Country

Items & ItemCategory

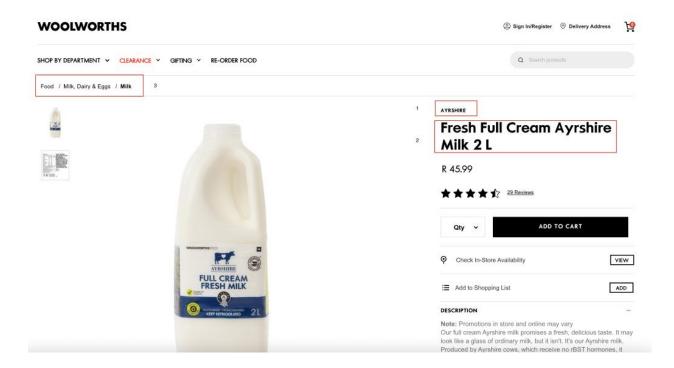
1. Items

Column Name	Data Type
ItemId (PK)	Int
ItemName	String
Brand	String
CategoryId (FK)	Int
Rating	Float

2. ItemCategory

Column Name	Data Type
Id (PK)	Int
Category	String

Source 1: www.woolworths.co.za



- 1. Items.Brand
- 2. Items.ItemName
- 3. ItemCategory.Category

Prices

Column Name	Data Type
Priceld (PK)	Int
Date	Date
UnitPrice	Float
Currency	String
DiscountDescription	String
IsPromotion	Boolean
ItemId (FK)	Int

Source 1: www.woolworths.co.za



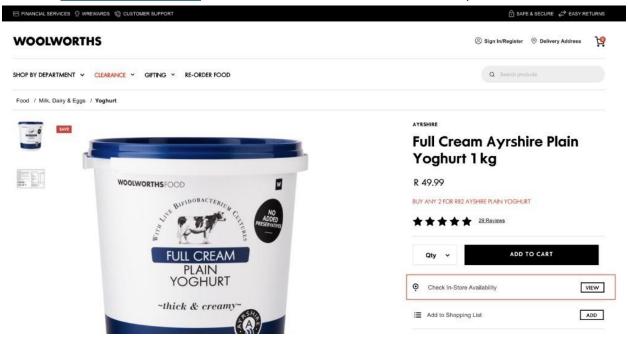
- 1.Prices.UnitPrice, Prices.Currency
- 2.Prices.DiscountDescription

3. Prices. Is Promotion

StoreInventory

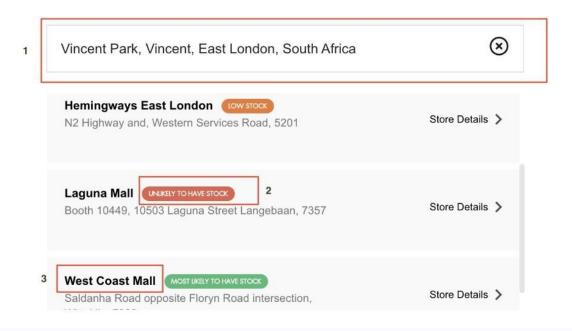
Column Name	Data Type
InventoryId (PK)	Int
Date	Date
StoreId (FK)	Int
ItemId (FK)	Int
AmountInStock	Int

Source 1: www.woolworths.co.za > Product Details> Check In-Store Availability



Find In Store

Please enter your location, so we can find a store nearest to you that has **Sweetcorn 4 Pk** in stock. We update these numbers every few hours. Stock moves quickly, so items may have sold since the last count.



- 1. By entering an address on the website, customers can view an estimated stock status for each store. Instead of showing specific quantities, the site categorizes stock levels into three statuses: "low stock", "unlikely to have stock", and "most likely to have stock". While exact numbers aren't provided, these statuses are updated every few hours, giving customers useful and timely inventory insights.

 To effectively monitor inventory across all stores, it's important to carefully select a list of addresses for checking stock status. In the future, this process could be streamlined by the introduction of an API; currently, Woolworths does not provide one. This is an area to watch for possible improvements going forward.
- 2. The StoreInventory.AmountInStock field can be roughly mapped to numerical values based on the stock status provided on the website. For example:

"low stock" can be represented as 5

"unlikely to have stock" as 0

"most likely to have stock" as 20

These values should be carefully determined to reflect the store's inventory situation. By assigning these numbers, this parameter becomes useful for comparing inventory levels across different brands' stores.

3. The StoreInventory.StoreId can be obtained from the Stores table by matching the StoreName.