### Data Dictionary for `DrugWholesale` Database

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#### \*\*1. Companies Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Comp\_ID` | INT | Primary key. Auto-incremented unique identifier for companies. |

| `Comp\_Name` | VARCHAR(255) | Name of the company. Cannot be null. |

| `Head\_Quarters` | VARCHAR(255) | Location of the company's headquarters. |

| `Phone` | CHAR(20) | Unique phone number of the company. |

| `Email` | CHAR(100) | Unique email address of the company. |

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#### \*\*2. Drug\_Type Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Type\_ID` | INT | Primary key. Auto-incremented unique identifier for drug types. |

| `Drug\_Type` | VARCHAR(255) | The classification of the drug. Cannot be null. |

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#### \*\*3. Demography Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Demo\_ID` | INT | Primary key. Auto-incremented unique identifier for demographic categories. |

| `Demo\_Class` | VARCHAR(255) | The demographic classification (e.g., age group). |

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#### \*\*4. Drugs Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Drug\_ID` | INT | Primary key. Auto-incremented unique identifier for drugs. |

| `Comp\_ID` | INT | Foreign key referencing `Companies.Comp\_ID`. Company producing the drug. |

| `Drug\_Name` | VARCHAR(255) | Name of the drug. Cannot be null. |

| `Ingredient` | VARCHAR(255) | Active ingredient(s) in the drug. |

| `Expiration` | DATE | Expiration date of the drug. |

| `Type\_ID` | INT | Foreign key referencing `Drug\_Type.Type\_ID`. |

| `Demo\_ID` | INT | Foreign key referencing `Demography.Demo\_ID`. |

| `Tablet\_PB` | INT | Price or batch size of tablets. |

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#### \*\*5. Inventory Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Inventory\_ID` | INT | Primary key. Auto-incremented unique identifier for inventory entries. |

| `Drug\_ID` | INT | Foreign key referencing `Drugs.Drug\_ID`. Drug in the inventory. |

| `Amount\_Sold` | INT | Total quantity of the drug sold. |

| `Initial\_Amount` | INT | Starting quantity of the drug in stock. |

| `Stock` | INT | Current stock level of the drug. |

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#### \*\*6. Customer Table (Renamed from Location)\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `customer\_id` | INT | Primary key. Auto-incremented unique identifier for customers. |

| `customer\_shop` | VARCHAR(255) | Name of the customer's shop. Cannot be null. |

| `customer\_name` | VARCHAR(255) | Name of the customer. |

| `address` | VARCHAR(255) | Address of the customer. |

| `phone` | VARCHAR(255) | Unique phone number of the customer. |

| `useful\_info` | LONGTEXT | Additional information about the customer. |

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#### \*\*7. Shareholders Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Share\_ID` | INT | Primary key. Auto-incremented unique identifier for shareholders. |

| `Holder\_Name` | VARCHAR(255) | Name of the shareholder. Cannot be null. |

| `Phone` | CHAR(20) | Unique phone number of the shareholder. |

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#### \*\*8. Share\_Holding Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Share\_HID` | INT | Primary key. Auto-incremented unique identifier for shareholding records. |

| `Share\_ID` | INT | Foreign key referencing `Shareholders.Share\_ID`. |

| `Comp\_ID` | INT | Foreign key referencing `Companies.Comp\_ID`. |

| `Share\_Percentage` | INT | Percentage of shares held by the shareholder. |

| `Investment` | INT | Investment amount by the shareholder. |

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#### \*\*9. Tax Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Tax\_ID` | INT | Primary key. Auto-incremented unique identifier for tax entries. |

| `Scale\_Tax` | DECIMAL(20,2) | Tax percentage or amount applied. |

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#### \*\*10. Salary Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Salary\_ID` | INT | Primary key. Auto-incremented unique identifier for salary records. |

| `Scale` | INT | Salary scale level. |

| `Bonouses` | INT | Bonuses associated with the salary. |

| `Tax\_ID` | INT | Foreign key referencing `Tax.Tax\_ID`. |

| `Post\_TaxSal` | INT | Salary amount after tax deductions. |

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#### \*\*11. Job Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Job\_ID` | INT | Primary key. Auto-incremented unique identifier for jobs. |

| `Job\_Name` | VARCHAR(255) | Title of the job. Cannot be null. |

| `Job\_Description`| VARCHAR(255) | Description of the job responsibilities. |

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#### \*\*12. Employees Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Emp\_ID` | INT | Primary key. Auto-incremented unique identifier for employees. |

| `Tazkira` | INT | National identification number. |

| `Emp\_Name` | VARCHAR(255) | First name of the employee. Cannot be null. |

| `Emp\_Last\_Name` | VARCHAR(255) | Last name of the employee. Cannot be null. |

| `Job\_ID` | INT | Foreign key referencing `Job.Job\_ID`. |

| `Salary\_ID` | INT | Foreign key referencing `Salary.Salary\_ID`. |

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#### \*\*13. Emp\_Cut Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Cut\_ID` | INT | Primary key. Auto-incremented unique identifier for employee deductions. |

| `Emp\_ID` | INT | Foreign key referencing `Employees.Emp\_ID`. |

| `Rate` | INT | Deduction rate for the employee. |

| `Descript` | VARCHAR(255) | Description of the deduction. |

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#### \*\*14. Sales Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `Sales\_ID` | INT | Primary key. Auto-incremented unique identifier for sales records. |

| `Drug\_ID` | INT | Foreign key referencing `Drugs.Drug\_ID`. |

| `Sale\_Date` | DATE | Date of the sale. |

| `Quantity` | INT | Quantity of the drug sold. |

| `Price` | INT | Price of the sale. |

| `Discount` | DECIMAL(5,2) | Discount applied to the sale. |

| `Customer\_ID` | INT | Foreign key referencing `Customer.customer\_id`. |

| `Total\_Price` | INT | Total price after discount. |

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#### \*\*15. Vendors Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `vendor\_id` | INT | Primary key. Auto-incremented unique identifier for vendors. |

| `name` | VARCHAR(255) | Name of the vendor. Cannot be null. |

| `contact\_info` | TEXT | Contact information of the vendor. |

| `address` | TEXT | Address of the vendor. |

| `phone\_number` | VARCHAR(50) | Phone number of the vendor. |

| `email` | VARCHAR(255) | Email of the vendor. |

| `payment\_terms` | VARCHAR(100) | Payment terms with the vendor. |

| `notes` | TEXT | Additional notes. |

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#### \*\*16. Purchases Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `purchase\_id` | INT | Primary key. Auto-incremented unique identifier for purchases. |

| `vendor\_id` | INT | Foreign key referencing `Vendors.vendor\_id`. |

| `drug\_id` | INT | Foreign key referencing `Drugs.Drug\_ID`. |

| `quantity` | INT | Quantity of the drug purchased. |

| `purchase\_date` | DATE | Date of the purchase. |

| `total\_amount` | DECIMAL(10,2) | Total amount for the purchase. |

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#### \*\*17. ExpenseCategories Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `category\_id` | INT | Primary key. Auto-incremented unique identifier for expense categories. |

| `category\_name` | VARCHAR(255) | Name of the expense category. |

| `description` | TEXT | Description of the category. |

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#### \*\*18. Expenses Table\*\*

| Column Name | Data Type | Description |

|------------------|----------------|-------------------------------------------------------|

| `expense\_id` | INT | Primary key. Auto-incremented unique identifier for expenses. |

| `category\_id` | INT | Foreign key referencing `ExpenseCategories.category\_id`. |

| `vendor\_id` | INT | Foreign key referencing `Vendors.vendor\_id`. |

| `amount` | DECIMAL(10,2) | Amount of the expense. |

| `expense\_date` | DATE | Date of the expense.