|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inventory | | | | | | |
| **Field Name** | **Data Type** | **Unique** | **Primary Key** | **Foreign Key** | **Reference Table** | **Comment** |
| product\_id | INTEGER | YES | YES | NO | N/A | Identifier of the product instance |
| product\_name | TEXT | NO | NO | NO | N/A | Name of the product |
| product\_price | REAL | NO | NO | NO | N/A | Price of the product |
| in\_stock | INTEGER | NO | NO | NO | N/A | Number of products available |
| displayed | INTEGER | NO | NO | NO | N/A | Number of products displayed |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Logs | | | | | | |
| **Field Name** | **Data Type** | **Unique** | **Primary Key** | **Foreign Key** | **Reference Table** | **Comment** |
| log\_id | INTEGER | YES | YES | NO | N/A | Identifier of the log instance |
| log\_type | TEXT | NO | NO | NO | N/A | Short description of the log |
| log\_date | TEXT | NO | NO | NO | N/A | Date the log instance was made |
| product\_id | INTEGER | NO | NO | YES | INVENTORY | Identifier of the product instance affected |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Transactions | | | | | | |
| **Field Name** | **Data Type** | **Unique** | **Primary Key** | **Foreign Key** | **Reference Table** | **Comment** |
| trans\_id | INTEGER | YES | YES | NO | N/A | Identifier of the transaction instance |
| trans\_amount | REAL | NO | NO | NO | N/A | Payment of the customer |
| trans\_date | TEXT | NO | NO | NO | N/A | Date the transaction instance was made |
| trans\_change | REAL | NO | NO | NO | N/A | Customer’s change (default value is 0) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sales | | | | | | |
| **Field Name** | **Data Type** | **Unique** | **Primary Key** | **Foreign Key** | **Reference Table** | **Comment** |
| sales\_id | INTEGER | YES | YES | NO | N/A | Identifier of the sales instance |
| sales\_total | REAL | NO | NO | NO | N/A | Total profit from that instance |
| sales\_date | TEXT | NO | NO | NO | N/A | Date the sales instance was made |
| trans\_id | INTEGER | YES | NO | YES | Transactions | Identifier of the transaction instance affected |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Orders | | | | | | |
| **Field Name** | **Data Type** | **Unique** | **Primary Key** | **Foreign Key** | **Reference Table** | **Comment** |
| product\_id | INTEGER | YES | YES | NO | Inventory | Identifier of the product instance  affected |
| trans\_id | INTEGER | YES | NO | Transactions | Identifier of the transaction instance affected |
| total\_cost | REAL | NO | NO | NO | N/A | Total cost of the order |
| order\_quantity | INTEGER | NO | NO | NO | N/A | Total number of items bought |