# Data Dictionary

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| --- | --- | --- | --- |
| **OLTP Data source name: saleAU\_NZ OLTP** | |  |  |
| **Table name** | **Field Name** | **Data Type** | **Integrity Constraint** |
| dimCustomer | customerKey | int | PRIMARY KEY |
| customerNumber | int | not null |
| customerName | varchar(50) | not null |
| city | varchar(50) | not null |
| country | varchar(50) | not null |
| salesRepEmployeeNumber | int | null |
| dimEmployee | EmployeeKey | Int | PRIMARY KEY |
| employeeNumber | Int | not null |
| employeeName | varchar(50) | not null |
| city | varchar(50) | not null |
| country | varchar(50) | not null |
| dimProducts | productKey | int | PRIMARY KEY |
| productCode | varchar(15) | not null |
| productName | varchar(70) | not null |
| productLine | varchar(50) | not null |
| quantityInStock | smallint | not null |
| buyPrice | decimal(10,2) | not null |
| MSRP | decimal(10,2) | not null |
| dimPayment | paymentKey | int | PRIMARY KEY |
| customerNumber | int | not null |
| checkNumber | varchar(50) | not null |
| paymentDate | date | not null |
| amount | decimal(10,2) | not null |
| factOrders | productKey | int | **PK, FK** references **dimProduct**(productKey) |
| customerKey | int | **PK, FK** references **dimCustomer**(customerKey) |
| employeeKey | int | **PK, FK** references **dimEmployee**(employeeKey) |
| paymentKey | int | **PK, FK** references **dimPayment**(paymentKey) |
| orderDateKey | int | **FK** references **dimTime**(TimeKey) |
| requiredDateKey | int | **FK** references **dimTime**(TimeKey) |
| shippedDateKey | int | **FK** references **dimTime**(TimeKey) |
|  | status | varchar(15) | not null |
|  | orderNumber | int | not null |
|  | quantityOrdered | int | not null |
|  | priceEach | decimal(10,2) | not null |
|  | totalPrice | money | not null |
|  | totalProfit | money | not null |
|  | totalPossibleProfit | money | not null |



|  |  |  |  |
| --- | --- | --- | --- |
| dimTime | TimeKey | int | not null |
| Date | Datetime | null |
| Day | Char(10) | null |
| DayOfWeek | smallint | null |
| DayOfMonth | smallint | null |
| DayOfYear | smallint | null |
| WeekOfYear | smallint | null |
| Month | Char(10) | null |
| MonthOfYear | smallint | null |
| QuarterOfYear | smallint | null |
| Year | int | null |

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