**Data Dictionary**

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| --- | --- | --- | --- | --- |
| **Attribute**  **Name** | **Table**  **Name** | **Data Type** | **Description** | **Sample** |
| customerSK | customer | int(11) | Primary key for the customer table | 01 |
| custTypeID | customer | varchar(10) | The ID for the CustomerType table | “C” for “Commercial” |
| customerID | customer | tinyint(4) | The ID of the customer | 1 (or) 2 (or) 10 |
| typeName | customer | varchar(20) | The type of customer | Education |
| name | customer | varchar(50) | The name of the customer | Maya Brewer |
| addr 1 | customer | varchar(50) | The first address line of the customer | 6836 At Rd |
| addr 2 | customer | varchar(50) | The second address line of the customer | P.O. Box 825 |
| city | customer | varchar(20) | The city of the customer | Moraga |
| state | customer | varchar(20) | The official USPS state abbreviation | AZ |
| zip | customer | char(5) | The 5 digit USPS zip code | 70314 |
| supplierSK | supplier | int(11) | Primary key for the supplier table | 02 |
| name | supplier | varchar(50) | Name of the supplier | Specialty Teleconstructors Inc |
| addr1 | supplier | varchar(50) | Address 1 of the supplier | 2161 Chalmers Street |
| addr2 | supplier | varchar(50) | Address 2 of the supplier | 6037 Ecuadorian Street |
| city | supplier | varchar(20) | City of the supplier | Philadelphia |
| state | supplier | char(2) | State of the supplier | PA |
| zip | supplier | char(5) | Zip of the supplier | 19103 |
| orderDateSK | order\_date | int(11) | Primary key for the order\_date table | 03 |
| day | order\_date | varchar(45) | Day of the month of the order date | 21 |
| year | order\_date | varchar(45) | Year of the order date | 2017 |
| quarter | order\_date | varchar(45) | Quarter of the order date | 04 |
| month | order\_date | varchar(45) | Month of the order date | 03 |
| salesDateSK | sales\_date | int(11) | Primary key for the sales\_date table | 04 |
| day | sales\_date | varchar(45) | Day of the month of the sales date | 22 |
| year | sales\_date | varchar(45) | Year of the sales date | 2017 |
| quarter | sales\_date | varchar(45) | Quarter of the sales date | 03 |
| month | sales\_date | varchar(45) | Month of the sales date | 02 |
| productSK | product | int(11) | The primary key for the product table | 01 |
| prodID | product | int(11) | The ID of the product | 02 |
| name | product | varchar(45) | The name of the product | Whale Lifts |
| description | product | varchar(50) | The description of the product | Tailor Jackets |
| price1 | product | decimal(10,2) | The standard price of the product per unit | 10.00 |
| price2 | product | decimal(10,2) | The discounted price of the product per unit | 12.00 |
| prodTypeID | product | int(11) | The ID for the product type | 003 |
| typeDescription | product | varchar(25) | The type description of the product | Lifts |
| BUID | product | char(1) | The ID for business unit | ABCD |
| BUIDname | product | varchar(25) | The name of the business unit | Processing Equipment |
| BUIDabbrev | product | varchar(10) | The abbreviation of the business unit ID | Equipment |
| saleBy | product | varchar(45) | The division who sell the product | TPCW |
| sales\_details\_SK | sales\_details | int(11) | Primary key for the supplier table | 05 |
| shipping\_method | sales\_details | varchar(45) | Shipping method for the sale | air |
| order\_method | sales\_details | varchar(45) | Order method for the sale | email |
| payment\_method | sales\_details | varchar(45) | Payment method for the sale | COD |
| manufacturingCostSK | manufacturing\_cost | int(11) | Primary key fot eh manufacturing\_cost table | 06 |
| prodID | manufacturing\_cost | int(11) | Id of the product that the manufacturing data is for | 01 |
| year | manufacturing\_cost | varchar(45) | The year the manufacturing data is for | 2017 |
| month | manufacturing\_cost | varchar(45) | The month the manufacturing data is for | 03 |
| manufacturingCost | manufacturing\_cost | decimal(10,2) | The cost of the manufacturing data | 13.57 |
| productSK | sales\_fact | int(11) | The foreign key that references the primary key for the product table | 1 (or) 2 (or) 3 |
| customerSK | sales\_fact | int(11) | The foreign key that references the primary key for the customer table | 1 (or) 2 (or) 3 |
| supplierSK | sales\_fact | int(11) | The foreign key that references the primary key for the supplier table | 1 (or) 2 (or) 3 |
| salesDateSK | sales\_fact | int(11) | The foreign key that references the primary key for the sales\_date table | 1 (or) 2 (or) 3 |
| orderDateSK | sales\_fact | int(11) | The foreign key that references the primary key for the order\_date table | 1 (or) 2 (or) 3 |
| saleDetailsSK | sales\_fact | int(11) | The foreign key that references the primary key for the sale\_details table | 1 (or) 2 (or) 3 |
| manufacturingCostSK | sales\_fact | int(11) | The foreign key that references the primary key for the manufacturing\_cost table | 1 (or) 2 (or) 3 |
| amount | sales\_fact | decimal(10,2) | The amount of sales | 13.01 |
| quantity | sales\_fact | int(11) | The sales quantity | 1 |
| discounted | sales\_fact | tinyint(4) | The boolean value whether or not product is discounted | Either 0 or 1 |
| invoiceProcessingDays | sales\_fact | int(11) | The processing days for the product | 10 |
| invoiceID | sales\_fact | int(11) | The ID for the invoice | 1 |
| invoiceDepartment | sales\_fact | varchar(45) | The department of the invoice | PEC |
| internalSale | sales\_fact | tinyint(4) | Products that are supplied by TPCW, TPCE, or PEC | 0 or 1 |
| unitcost | sales\_fact | decimal(10,2) | The standard cost of the product per unit | 11.00 |
| shippingCost | sales\_fact | decimal(10,2) | The cost of the shipping of a product | 12.00 |