Bronze Layer Data Dictionary

Overview

The Gold layer is the business-level data representation, structured to support analytical reporting use cases. It consists of 2-dimension tables and 1 fact table

1. Gold.dim\_customers

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| --- | --- | --- |
| Column name | Data type | Description |
| Customer\_key | INT | Surrogate key uniquely identifying each customer record in the dimension table |
| Customer\_id | INT | Unique identifier assigned to each customer |
| Customer\_number | NVARCHAR (50) | Alphanumeric unique identify assigned to customers |
| First\_name | NVARCHAR (50) | The customer’s first name |
| Last\_name | NVARCHAR (50) | The customer’s last name |
| country | NVARCHAR (50) | The country the customer resides e.g ‘Australia’ |
| Marital\_status | NVARCHAR (50) | The marital status of the customere.g ‘Married’,’Single’,n/a |
| gender | NVARCHAR (50) | Customer’s gender e.g ‘Male’,’Female’,n/a |
| Birth\_date | DATE | Customer’s birth date in the Format (YYYY-mm-dd) |
| Create \_date | DATE | Date the record was created |
|  |  |  |

1. Gold.dim\_products

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| --- | --- | --- |
| Column name | Data type | Description |
| product\_key | INT | Surrogate key uniquely identifying each product record in the dimension table |
| product\_id | INT | Unique identifier assigned to each product |
| product\_number | NVARCHAR (50) | Alphanumeric unique identify assigned to products |
| product\_name | NVARCHAR (50) | Name of the products |
| Product\_line | NVARCHAR (50) | Product line |
| Category\_id | NVARCHAR (50) | Unique identifier assigned to each category |
| category | NVARCHAR (50) | Product category |
| Sub\_category | NVARCHAR (50) | Product subcategory |
| Product\_cost | INT | Price of the product |
| maintenance | NVARCHAR (50) | The product maintenance |
| Product\_startdate | DATE | Date the product was stocked |
| Product\_enddate | DATE | Date the product finished |

1. Gold.fact\_sales

|  |  |  |
| --- | --- | --- |
| Column name | Data type | Description |
| Order\_number | NVARCHAR (50) | Unique identifier assigned to each order placed |
| Product\_key | INT | Surrogate key from the product table to uniquely identify each product |
| Customer\_key | INT | Surrogate key from the customer dimension table to uniquely identify each customer |
| Order\_date | DATE | Date the order was ordered |
| Ship\_date | DATE | Date the order was shipped |
| Due\_date | DATE | The due date the customer must receive their order |
| sales | INT | Price of each product |
| quantity | INT | Quantity sold or bought by customer |
| price | INT | The total price sold e.g Sales \* quantity |