**Copy of ER diagram**

Database model documentation

Created with Vertabelo.com

# 1. Model details

**Model name:** 
Copy of ER diagram

**Version:** 
2.4

**Database engine:** 
PostgreSQL

# 2. Tables

## 2.1. Table Seller

2.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Seller\_id | int | PK |  |
| Seller\_account\_ref | int |  |  |
| Seller\_name | varchar(25) |  |  |
| Seller\_address\_line1 | varchar(20) |  |  |
| Seller\_address\_line2 | varchar(30) |  |  |
| Seller\_address\_line3 | varchar(30) |  |  |
| Seller\_country | varchar(15) |  |  |
| Seller\_post\_code | varchar(15) |  |  |
| Seller\_email\_address | varchar(40) |  |  |

## 2.2. Table Products

2.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Product\_id | int | PK |  |
| Product\_code | int |  |  |
| Product\_description | varchar(50) |  |  |
| Product\_status | varchar(50) |  |  |

## 2.3. Table Product\_reviews

2.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Product\_review\_id | int | PK |  |
| Review\_id | int |  |  |
| Product\_id | int |  |  |

## 2.4. Table Rating\_systems

2.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Rating\_id | int | PK |  |
| No\_of\_stars | int |  |  |
| Rating\_description | varchar(50) |  |  |

## 2.5. Table Reviews

2.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Review\_id | int | PK |  |
| Shopper\_id | int |  |  |
| Rating\_id | int |  |  |
| Review\_date\_time | timestamp |  |  |
| Review\_comment | varchar(50) |  |  |

## 2.6. Table Seller\_reviews

2.6.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Seller\_review\_id | int | PK |  |
| Review\_id | int |  |  |
| Seller\_id | int |  |  |

## 2.7. Table Shoppers

2.7.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Shopper\_id | int | PK |  |
| Shopper\_first\_name | varchar(30) |  |  |
| Shopper\_surnname | varchar(30) |  |  |

## 2.8. Table Shopper\_account

2.8.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Shopper\_account\_ref | int |  |  |
| Date\_of\_birth | date |  |  |
| Date\_joined | date |  |  |
| Shoppers\_Shopper\_id | int |  |  |

## 2.9. Table Shopper\_Contact

2.9.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Shopper\_id | int |  |  |
| Phone | int |  |  |
| Shoppers\_Shopper\_id | int |  |  |

## 2.10. Table productRetailerreviews

2.10.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| Productreviewid | int | PK |  |
| name | varchar(46) |  |  |
| Message | varchar(56) |  |  |
| Comments | varchar(96) |  |  |
| Commentdate | varchar(12) |  |  |
| likes | int |  |  |
| reply | varchar(45) |  |  |
| Products\_Product\_id | int |  |  |

# 3. References

## 3.1. Reference Product\_reviews\_Products

|  |  |  |
| --- | --- | --- |
| **Products** | **0..\*** | **Product\_reviews** |
| Product\_id | <-> | Product\_id |

## 3.2. Reference Seller\_reviews\_Seller

|  |  |  |
| --- | --- | --- |
| **Seller** | **0..\*** | **Seller\_reviews** |
| Seller\_id | <-> | Seller\_id |

## 3.3. Reference Shoppers\_Reviews

|  |  |  |
| --- | --- | --- |
| **Shoppers** | **0..\*** | **Reviews** |
| Shopper\_id | <-> | Shopper\_id |

## 3.4. Reference Rating\_systems\_Reviews

|  |  |  |
| --- | --- | --- |
| **Rating\_systems** | **1..\*** | **Reviews** |
| Rating\_id | <-> | Rating\_id |

## 3.5. Reference Seller\_reviews\_Reviews

|  |  |  |
| --- | --- | --- |
| **Reviews** | **1..1** | **Seller\_reviews** |
| Review\_id | <-> | Review\_id |

## 3.6. Reference Product\_reviews\_Reviews

|  |  |  |
| --- | --- | --- |
| **Reviews** | **1..1** | **Product\_reviews** |
| Review\_id | <-> | Review\_id |

## 3.7. Reference Shopper\_account\_Shoppers

|  |  |  |
| --- | --- | --- |
| **Shoppers** | **1..1** | **Shopper\_account** |
| Shopper\_id | <-> | Shoppers\_Shopper\_id |

## 3.8. Reference Shopper\_Contact\_Shoppers

|  |  |  |
| --- | --- | --- |
| **Shoppers** | **1..1** | **Shopper\_Contact** |
| Shopper\_id | <-> | Shoppers\_Shopper\_id |

## 3.9. Reference productRetailerreviews\_Products

|  |  |  |
| --- | --- | --- |
| **Products** | **0..\*** | **productRetailerreviews** |
| Product\_id | <-> | Products\_Product\_id |