|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Customer** | | | | |
| Key Type | Optionality | Column Name | Data type | Length |
| PK | \* | Customer\_id | NUMERIC | 2,0 |
|  | \* | First\_name | VARCHAR | 255 |
|  | \* | Last\_name | VARCHAR | 255 |
|  | \* | Address | VARCHAR | 255 |
| UK | o | Email | VARCHAR | 255 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplier** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Supplier\_id | NUMERIC | 2,0 |
|  | \* | First\_name | VARCHAR | 255 |
|  | \* | Last\_name | VARCHAR | 255 |
| UK | \* | Email | VARCHAR | 255 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Employee** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Employee\_id | NUMERIC | 2,0 |
|  | \* | First\_name | VARCHAR | 255 |
|  | \* | Last\_name | VARCHAR | 255 |
| UK | o | Email | VARCHAR | 255 |
| UK | \* | Sin\_no | VARCHAR | 12 |
| UK | \* | Phone\_no | VARCHAR | 15 |
|  | \* | Salary | DECIMAL | 10,2 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Product\_id | NUMERIC | 4,0 |
|  | \* | P\_name | VARCHAR | 255 |
|  | \* | P\_description | VARCHAR | 255 |
|  | o | Price | DECIMAL | 10,2 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Store** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Store\_id | NUMERIC | 3,0 |
|  | \* | Store\_name | VARCHAR | 255 |
|  | \* | Store\_address | VARCHAR | 255 |
|  | \* | Store\_location | VARCHAR | 255 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Store\_product** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK, FK | \* | Store\_id | NUMERIC | 3,0 |
| PK, FK | \* | Product\_id | NUMERIC | 4,0 |
|  | \* | Product\_quantity | DECIMAL | 5,0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Orders** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Order\_id | NUMERIC | 4,0 |
|  | \* | Quantity\_order | NUMERIC | 5,0 |
|  | o | Order\_date | DATE |  |
| FK | \* | Store\_id | NUMERIC | 3,0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplier\_store** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK, FK | \* | Store\_id | NUMERIC | 3,0 |
| PK, FK | \* | Supplier\_id | NUMERIC | 2,0 |
|  | \* | Supply\_date | DATE |  |
|  | \* | Quantity\_supplied | NUMERIC | 5,0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Store\_employee** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK, FK | \* | Store\_id | NUMERIC | 3,0 |
| PK, FK | \* | Employee\_id | NUMERIC | 2,0 |
|  | \* | Work\_hours | NUMERIC | 2,0 |
|  | \* | Wage\_rate | DECIMAL | 12,2 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK, FK | \* | Customer\_id | NUMERIC | 2,0 |
| PK, FK | \* | Product\_id | NUMERIC | 4,0 |
|  | o | Price | DECIMAL | 10,2 |
|  | o | discount | DECIMAL | 5,2 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Order\_item** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK, FK | \* | Product\_id | NUMERIC | 4,0 |
| PK, FK | \* | Order\_id | NUMERIC | 4,0 |
|  | \* | Quantity | NUMERIC | 5,0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Payment** | | | | |
| Key types | Optionality | Column Name | Data type | Length |
| PK | \* | Payment\_id | NUMERIC | 5,0 |
|  | o | Payment\_date | DATE |  |
|  | o | Payment\_method | VARCHAR | 50 |
| FK1 | \* | Customer\_id | NUMERIC | 2,0 |
| FK2 | \* | Product\_id | NUMERIC | 4,0 |