**Rockbuster Stealth**

Data Dictionary

Dec 2022



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5. Legend

**A picture containing shape

Description automatically generated** Primary Key

1. Rockbuster Stealth LLC

Rockbuster Stealth LLC is a movie rental company that used to have stores around the world.

1. Business Entities

**Diagram, schematic

Description automatically generated**

1. Tables

Fact Tables:

**Payment:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| Payment\_id **A picture containing shape  Description automatically generated** | SERIAL | Payment id number |  |
| Customer\_id | SMALLINT | Customer id number | customer |
| Staff\_id | SMALLINT | Staff id number | staff |
| Rental\_id | INTEGER | Rental id number | rental |
| amount | NUMERIC(5,2) | Amount paid for the rental |  |
| Payment\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date of payment |  |

**Rental:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| Rental\_id **A picture containing shape  Description automatically generated** | SERIAL | Rental id number |  |
| Rental\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date of Rental |  |
| Inventory\_id | INTEGER | Inventory Id number | inventory |
| Customer\_id | SMALLINT | Customer Id number | customer |
| Return\_date | TIMESTAMP(6) WITHOUT TIME ZONE | Date of Return |  |
| Staff\_id | SMALLINT | Staff if number | staff |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

Dimension Table:

**Store:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| Store\_id **A picture containing shape  Description automatically generated** | SERIAL | Store Id number |  |
| Manager\_staff\_id | SMALLINT | Manager Staff Id number | staff |
| address\_id | SMALLINT | Address id number | address |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Film\_Actor:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| actor\_id **A picture containing shape  Description automatically generated** | SERIAL | Actor id number | actor |
| film\_id**A picture containing shape  Description automatically generated** | SMALLINT | Film id number | film |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Inventory:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| inventory\_id **A picture containing shape  Description automatically generated** | SERIAL | Inventory id number |  |
| film\_id | SMALLINT | Film id number | film |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |
| Store\_id | SMALLINT | Store id number | store |

**Film\_category :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| Category\_id **A picture containing shape  Description automatically generated** | SERIAL | Actor id number | category |
| film\_id**A picture containing shape  Description automatically generated** | SMALLINT | Film id number | film |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Customer:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| customer\_id**A picture containing shape  Description automatically generated** | SERIAL | Customer id number |  |
| store\_id | SMALLINT | Store id number | store |
| First\_name | CHARACTER VARYING (45) | First name of the customer |  |
| Last\_name | CHARACTER VARYING (45) | Last name of the customer |  |
| email | CHARACTER VARYING (50) | Email id of the customer |  |
| Address\_id | SMALLINT | Address Id number | address |
| activebool | BOOLEAN | The customer’s active status in Boolean value |  |
| Create\_date | DATE | Date customer was created in the system |  |
| Last\_update | TIMESTAMP (6) WITHOUT TIME ZONE | Last update time |  |
| active | BOOLEAN | Customer status in boolean |  |

**Staff:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| staff\_id**A picture containing shape  Description automatically generated** | SERIAL | Staff id number |  |
| First\_name | CHARACTER VARYING (45) | First name of the staff |  |
| Last\_name | CHARACTER VARYING (45) | Last name of the staff |  |
| email | CHARACTER VARYING (50) | Email id of the staff |  |
| Address\_id | SMALLINT | Address id number | address |
| Store\_id | SMALLINT | Store id number | store |
| username | CHARACTER VARYING (45) | Username of the staff |  |
| password | CHARACTER VARYING (45) | Password of the staff |  |
| picture | BYTEA | Staff’s picture |  |
| Last\_update | TIMESTAMP (6) WITHOUT TIME ZONE | Last update time |  |
| active | BOOLEAN | Status of the staff in Boolean |  |

**Actor:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| actor\_id**A picture containing shape  Description automatically generated** | SERIAL | Actor id number |  |
| First\_name | CHARACTER VARYING (45) | First name of the actor |  |
| Last\_name | CHARACTER VARYING (45) | Last name of the actor |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Film:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| film\_id**A picture containing shape  Description automatically generated** | SERIAL | Film id number |  |
| title | CHARACTER VARYING (255) | Title of the film |  |
| description | TEXT | Description of the film |  |
| Release\_year | YEAR | Release year of the film |  |
| language\_id | SMALLINT | Language id number | language |
| Rental\_duration | SMALLINT | Rental duration of the film |  |
| Rental\_rate | NUMERIC(4,2) | Rental rate |  |
| length | SMALLINT | Length of the film |  |
| Replacement\_cost | NUMERIC(5,2) | Replacement cost if lost |  |
| rating | MPAA\_RATING | Rating of the film on MPAA |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |
| Special\_features | TEXT | Special features like Trailers, Behind the scenes |  |
| fulltext | TSVECTOR | FULLTEXT |  |

**Category:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| category\_id**A picture containing shape  Description automatically generated** | SERIAL | Category id number |  |
| name | CHARACTER VARYING (20) | Name of the category |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Address:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| address\_id**A picture containing shape  Description automatically generated** | SERIAL | Address id number |  |
| address | CHARACTER VARYING (45) | Address |  |
| Address2 | CHARACTER VARYING (45) | Address line 2 |  |
| district | CHARACTER VARYING (45) | District |  |
| City\_id | SMALLINT | City Id number | city |
| Postal\_code | CHARACTER VARYING (45) | Postal code |  |
| phone | CHARACTER VARYING (45) | Phone number |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**City:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| city\_id**A picture containing shape  Description automatically generated** | SERIAL | City Id number |  |
| city | CHARACTER VARYING (45) | City name |  |
| Country\_id | SMALLINT | Country id number | country |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Country:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| country\_id**A picture containing shape  Description automatically generated** | SERIAL | Country Id number |  |
| country | CHARACTER VARYING (45) | Country name |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last update time |  |

**Language:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Columns** | **Data Type** | **Description** | **Links to** |
| language\_id**A picture containing shape  Description automatically generated** | SERIAL | Language Id number |  |
| name | CHARACTER (20) | Language Name |  |
| Last\_update | TIMESTAMP(6) WITHOUT TIME ZONE | Last Update time |  |