**Rockbuster Stealth**

**DATA DICTIONARY**

**Carlos Keglevich**

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**Address** **9**

**Category** **9**

**City** **9**

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**ENTITY RELATIONSHIP DIAGRAM**

Timeline

Description automatically generated with low confidence

**FACT TABLE**

**Rental**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **KEY** | **LINKS to** | **Links From** |
| rental\_id | **serial** | Number assigned to rental | Primary Key |  | Payment |
| rental\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date of rental |  |  |  |
| inventory\_id | INTEGER | Number assigned to item in the table |  | Inventory |  |
| customer\_id | SMALLINT | Number assigned to customer |  | Customer |  |
| return\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date rental was returned |  |  |  |
| staff\_id | SMALLINT | Number assigned to employee |  | Staff |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Dimension tables**

**Customer**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column | Data Type | Description | Key | Links from | Links to |
| customer\_id | Serial | Number assigned to customer | Primary key |  | Rental, payment |
| store\_id | smalllint | Number assigned to store |  |  |  |
| first\_name | Charachtervarying(50) | First name of customer |  |  |  |
| last\_name | Charachtervarying(45) | Last name of customer |  |  |  |
| email | Charactervarying(50) | Email address of customer |  |  |  |
| address\_id | Smallint | Number assigned to customer’s address |  | Address |  |
| activebool | Boolean | Customer’s active status |  |  |  |
| create\_date | Date | Date entry was created |  |  |  |
| Last\_update | Timestamp(6)withouttimezone | Date entry was last updated |  |  |  |
| active | integer | Customer’s active status |  |  |  |

**Payment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link to** | **Link from** |
| payment\_id | SERIAL | Number assigned to payment | Primary Key |  |  |
| customer\_id | SMALLINT | Number assigned to customer |  | Customer |  |
| staff\_id | SMALLINT | Number assigned to employee |  | Staff |  |
| rental\_id | INTEGER | Number assigned to rental |  | rental |  |
| amount | NUMERIC (5,2) | Amount paid |  |  |  |
| payment\_date | TIMESTAMP(6) WITHOUT TIMEZONE | Date of payment |  |  |  |

**Store**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link to** | **Link from** |
| store\_id | SERIAL | Number assigned to store | Primary key |  |  |
| manager\_staff\_id | SMALLINT | Number assigned to store manager |  | staff |  |
| address\_id | SMALLINT | Number assigned to store address |  | address |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Film\_actor**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link to** | **Link from** |
| actor\_id | SMALLINT | Number assigned to actor | Primary Key | Actor |  |
| film\_id | SMALLINT | Number assigned to film | Primary Key | Film\_id |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Inventory**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Links to** | **Links from** |
| inventory\_id | SERIAL | Number assigned to item | Primary Key |  | rental |
| film\_id | SMALLINT | Number assigned to film | Foreign Key | Film |  |
| store\_id | SMALLINT | Number assigned to store |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Film Category**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link from** | **Link to** |
| film\_id | SMALLINT | Number assigned to film | Primary Key |  | Film |
| category\_id | SMALLINT | Number assigned to genre/category | Primary Key |  | Category |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Staff**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link to** | **Link from** |
| staff\_id | SERIAL | Number assigned to employee | Primary Key |  | Payment, rental, store |
| first\_name | CHARACTERVARYING(45) | First name of employee |  |  |  |
| last\_name | CHARACTERVARYING(45) | Last name of employee |  |  |  |
| address\_id | SMALLINT | Number assigned to employee’s address | Foreign Key | address |  |
| email | CHARACTERVARYING(50) | Email address of employee |  |  |  |
| store\_id | SMALLINT | Number assigned to store |  |  |  |
| active | BOOLEAN | Employee active status |  |  |  |
| username | CHARACTERVARYING(16) | Username of employee |  |  |  |
| password | CHARACTERVARYING(40) | Password of employee |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |
| picture | BYTEA | Picture of employee |  |  |  |

**Actor**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **KEY** | **Links to** | **Links From** |
| actor\_id | SERIAL | Number assigned to actor | Primary Key |  | Film Actor |
| first\_name | CHARACTERVARYING(45) | First name of actor |  |  |  |
| last\_name | CHARACTERVARYING(45) | Last name of actor |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Film**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Key** | **Link to** | **Link from** |
| film\_id | SERIAL | Number assigned to film | Primary Key |  | Inventory, Film Actor, Film Category |
| title | CHARACTERVARYING(45) | Title of film |  |  |  |
| description | TEXT | Description of film |  |  |  |
| release\_year | year | Release year of film |  |  |  |
| language\_id | SMALLINT | Number assigned to film language |  | Language |  |
| rental\_duration | SMALLINT | Length of film rental |  |  |  |
| rental\_rate | NUMERIC(4,2) | Price of film |  |  |  |
| length | SMALLINT | Length of film |  |  |  |
| replacement\_cost | SMALLINT | Cost of replace of film |  |  |  |
| rating | mpaa\_rating | Film rating |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |
| special\_features | TEXT [] | Special features included with film |  |  |  |
| fulltext | TSVECTOR | Keywords associated with film |  |  |  |

**Category**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Primary Key** | **Links to** | **Links From** |
| language\_id | SERIAL | Number assigned to language | Primary Key |  | Film category |
| name | CHARACTERVARYING(20) | Name of language |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Address**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Primary Key** | **Links to** | **Links From** |
| address\_id | SERIAL | Number assigned to address | Primary Key |  | Store, Staff,Customer |
| address | CHARACTERVARYING(50) | Street address |  |  |  |
| address2 | CHARACTERVARYING(50) | Supplementary street address |  |  |  |
| district | CHARACTERVARYING(20) | District |  |  |  |
| city\_id | SMALLINT | Number assigned to City |  | city |  |
| postal\_code | CHARACTERVARYING(10) | Postal code |  |  |  |
| phone | CHARACTERVARYING(20) | Phone number |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Language**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Primary Key** | **Links to** | **Links from** |
| language\_id | SERIAL | Number assigned to language | Primary Key |  |  |
| name | CHARACTERVARYING(20) | Name of language |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**City**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Primary Key** | **Links to** | **Links from** |
| city\_id | SERIAL | Number assigned to city | Primary Key |  | Address |
| city | CHARACTERVARYING(20) | Name of city |  |  |  |
| country\_id | SMALLINT | Number assigned to country |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |

**Country**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Data Type** | **Description** | **Primary Key** | **Links to** | **Links from** |
| country\_id | SERIAL | Number assigned to country | Primary key |  | city |
| country | CHARACTERVARYING(50) | Name of country |  |  |  |
| last\_update | TIMESTAMP(6) WITHOUT TIMEZONE | Date entry was last updated |  |  |  |