Susan Dow

[Email address]

Sue Dow

Rockbuster Stealth

Data Dictionary

Table of Contents

**Entity Relationship Diagram1**

**Legend2**

**Fact Tables2**

Actor2

Address2

Category3

City3

Country3

Customer4

Film5

Film Actor5

Film Category6

Inventory6

Language6

Payment7

Rental7

Staff8

**Entity Relationship Diagram**A picture containing text, screenshot, receipt

Description automatically generated

**Legend**

|  |  |
| --- | --- |
| **Key with solid fill** | Primary Key |
| **Key with solid fill** | Foreign Key |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table: Actor** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | Actor\_id | [PK] integer | primary key for actor | Film Actor |  |
|  | First\_Name | character varying (45) | first name |  |  |
|  | Last\_Name | character varying (45) | last name |  |  |
|  | Last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Address** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | Address\_id | [PK] integer | primary key for address | Customer Staff Store |  |
|  | address | Character varying (50) | 1st address line |  |  |
|  | address2 | Character varying (50) | 2nd address line |  |  |
|  | district | Character varying (20) | address district |  |  |
| **Key with solid fill** | city\_id | Small int | integer id for city |  | City |
|  | postal\_id | Character varying (10) | integer id for postal code |  |  |
|  | phone | Character varying (20) | phone number |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Category** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | Category\_id | [PK] integer | primary key for category | Film Category |  |
|  | name | Character varying (25) | category name |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: City** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | city\_id | [PK] integer | primary key for city | Address |  |
|  | city | Character varying (50) | name of city |  |  |
| **Key with solid fill** | country\_id | Smallint | country integer id code |  | Country |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Country** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | country\_id | [PK] integer | primary key for country | City |  |
|  | country | Character varying (50) | name of country |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Customer** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | customer\_id | [PK] integer | primary key for customer | Rental Payment |  |
|  | store\_id | smallint | store integer id code |  |  |
|  | first\_name | Character varying (45) | customer first name |  |  |
|  | last\_name | Character varying (45) | customer last name |  |  |
|  | email | Character varying (50) | customer email |  |  |
| **Key with solid fill** | address\_id | smallint | address integer id code |  | Address |
|  | activebool | boolean | active status |  |  |
|  | create\_date | date | date and time record was created |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Film** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | film\_id | [PK] integer | primary key for film | Film Actor Inventory Film Category |  |
|  | title | character varying (255) | Film title |  |  |
|  | description | text | film description |  |  |
|  | release\_year | integer | film release year |  |  |
| **Key with solid fill** | language | smallint | integer language code film is in |  | Language |
|  | rental\_duration | smallint | length of time film was rented |  |  |
|  | rental\_rate | numeric (4,2) | rental rate for film |  |  |
|  | length | smallint | film length |  |  |
|  | replacement\_cost | numeric (5,2) | cost to replace the rental film |  |  |
|  | rating | mpaa\_rating | film rating |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  | special features | text | film special features |  |  |
|  | fulltext | tsvector | full text |  |  |
|  |  |  |  |  |  |
| **Table: Film\_actor** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | actor\_id | [PK] smallint | Primary key for actor |  | Actor |
| **Key with solid fill** | film\_id | [PK] smallint | primary key for film |  | Film |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Film Category** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | film\_id | [PK] smallint | primary key for film | Film Actor | Film |
| **Key with solid fill** | category\_id | [PK] smallint | primary key for category |  | Category |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Inventory** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | inventory\_id | [PK] integer | primary key for inventory | Rental |  |
| **Key with solid fill** | film\_id | smallint | film integer id code |  | Film |
|  | store\_id | smallint | store integer id code |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Language** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | language\_id | [PK] integer | Primary key for language | Film |  |
|  | name | character (20) | language |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Payment** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | payment\_id | [PK] integer | primary key for payment |  |  |
| **Key with solid fill** | customer\_id | smallint | customer integer id code |  | Customer |
| **Key with solid fill** | staff\_id | smallint | staff integer id code |  | Staff |
| **Key with solid fill** | rental\_id | integer | rental integer id code |  | Rental |
|  | amount | numeric (5,2) | amount paid for rental |  |  |
|  | payment\_date | timestamp without time zone | date and time record of payment |  |  |
|  |  |  |  |  |  |
| **Table: Rental** | |  |  |  |  |
| **Fact** |  |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | rental\_id | [PK] integer | primary key for rental | Payment |  |
|  | rental\_date | timestamp without time zone | date and time record of rental |  |  |
| **Key with solid fill** | inventory\_id | integer | inventory integer id code |  | Inventory |
| **Key with solid fill** | cutomer\_id | smallint | customer integer id code |  | Customer |
|  | return\_date | timestamp without time zone | date and time record of rental return |  |  |
| **Key with solid fill** | staff\_id | smallint | integer code for staff individual |  | Staff |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  |  |  |  |  |  |
| **Table: Staff** | |  |  |  |  |
| **Dimension** | |  |  |  |  |
| **Key** | **Columns** | **Data Type** | **Description** | **Links From** | **Links To** |
| **Key with solid fill** | staff\_id | [PK] integer | staff integer id code | Payment Rental |  |
|  | first\_name | character varying (45) | staff first name |  |  |
|  | last\_name | character varying (45) | staff last name |  |  |
| **Key with solid fill** | address\_id | smallint | address integer id code |  | Address |
|  | email | character varying (50) | staff email address |  |  |
|  | store\_id | smallint | store integer id code |  |  |
|  | active | boolean | active status |  |  |
|  | username | character varying (16) | staff user name |  |  |
|  | password | character varying (40) | staff password |  |  |
|  | last\_update | timestamp without time zone | date and time record was last updated |  |  |
|  | picture | bytea | staff photograph |  |  |