**A black and white image of a movie camera

Description automatically generated**

**ROCKBUSTER STEALTH L.L.C**

**DATA DICTIONARY**

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A screenshot of a computer

Description automatically generated

**Fact Tables**

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column** | **Data Type** | **Description** |
| **Payment** | Payment ID | Serial | Unique payment identifier (primary key) |
| Customer ID | Small Integer | Unique customer identifier (foreign key) |
| Staff ID | Small Integer | Unique staff identifier (foreign key) |
| Links from: None  Links to:  Rental  (payment.rental\_id>payment.rental\_id)  Customer  (payment.customer\_id>customer.customer\_id)  Staff  (payment.staff\_id>staff.staff\_id) | Rental ID | Integer | Unique rental identifier (foreign key) |
| Unique keys:   * Payment\_id * Rental\_id * Customer\_id * Staff\_id | Amount | Numeric | Amount paid for rental |
|  | Payment Date | Timestamp without timezone | Date of payment |
|  |  |  |  |
| **Rental** | Rental ID | Serial | Unique rental identifier |
| Links from:  Payment (payment.rental\_id>rental.rental\_id) | Rental Date | Timestamp without timezone | Date of rental |
| Links to:  Inventory (rental.inventory\_id>inventory.inventory\_id)  Customer  (rental.customer\_id>customer.customer\_id)  Staff  (rental.staff\_id>staff.staff\_id) | Inventory ID | Integer | Unique inventory identifier |
| Unique keys:   * Rental\_id * Inventory\_id * Customer\_id * Staff\_id | Customer ID | Small Integer | Unique customer identifier |
|  | Return Date | Timestamp without timezone | Date of return |
|  | Staff ID | Small Integer | Unique staff identifier |
|  | Last Update | Timestamp without timezone | Time last update was made |

**Dimension Tables**

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Name** | **Column** | **Data Type** | **Description** |
| **Film actor** | Actor ID | Small Integer | Unique actor identifier |
| Links from: None  Links to:  Actor (film\_actor.actor\_id>actor.actor\_id)  Film  (film\_actor.film\_id>film.film\_id) | Film ID | Small Integer | Unique film identifier |
| Unique keys:   * Actor\_id * Film\_id | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Inventory**  Links from:  Rental (rental\_inventory\_id>inventory.inventory\_id)  Links to:  Film  (inventory.film\_id>film.film\_id) | Inventory ID | Serial | Unique inventory identifier |
| Film ID | Small Integer | Unique film identifier |
| Unique keys:   * Inventory\_id * Film\_id | Store ID | Small Integer | Unique store identifier |
| Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Film Category** | Film ID | Small Integer | Unique film identifier |
| Links from: None  Links to:  Category (film\_category.category\_id>category.category\_id)  Film  (film\_category.film\_id>film.film\_id) | Category ID | Small Integer | Unique category identifier |
| Unique keys:   * Category\_id * Film\_id | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Customer** | Customer ID | Serial | Unique customer identifier |
| Store ID | Small Integer | Unique store identifier |
| First Name | Character Varying (45) | Customer’s first name |
| Last Name | Character Varying (45) | Customer’s last name |
| Email | Character Varying (45) | Customer’s email address |
| Links from:  Rental (rental.customer\_id>customer.customer\_id)  Payment (payment.customer\_id>customer.customer\_id)  Links to:  Address (customer.address\_id>address.address\_id)  Unique keys:   * Customer\_id * Address\_id | Address ID | Small Integer | Unique address identifier |
| Active Bool | Boolean | Customer’s activity status categorized as true(active) or false(non-active) |
| Create Date | Date | Date of customer’s profile creation |
| Last Update | Timestamp without timezone | Time last update was made |
| Active | Integer | Customer’s active status represented by integer (0 or 1) |
|  |  |  |  |
| **Staff** | Staff ID | Serial | Unique staff identifier |
| Links from:  Rental (rental.staff\_id>staff.staff\_id)  Payment (payment.staff\_id>staff.staff\_id)  Store (store\_manager.staff\_id>staff.staff\_id)  Links to:  Address (staff.address\_id>address.address\_id) | First Name | Character Varying (45) | Customer’s first name |
| Unique keys:   * Staff\_id * Address\_id | Last Name | Character Varying (45) | Customer’s last name |
|  | Address ID | Small Integer | Unique address identifier |
|  | Email | Character Varying (45) | Customer’s email address |
|  | Store ID | Small Integer | Unique store identifier |
|  | Active | Boolean | Staff member’s active status represented as true(active) or false(non-active) |
|  | Username | Character Varying (45) | Staff member’s username |
|  | Password | Character Varying (45) | Staff member’s password |
|  | Last Update | Timestamp without timezone | Time last update was made |
|  | Picture | Bytea | Staff member’s picture |
|  |  |  |  |
| **Store** | Store ID | Serial | Unique store identifier |
| Links from: None  Links to:  Staff (store.manager\_staff\_id>staff.staff\_id)  Address (store.address\_id>address.address\_id) | Manager Staff ID | Small Integer | Unique staff manager identifier |
| Unique keys:   * Store\_id * Manager\_staff\_id * Address\_id | Address ID | Small Integer | Unique address identifier |
|  | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Actor** | Actor ID | Serial | Unique actor identifier |
| Links from:  Film actor (film\_actor.actor\_id>actor.actor\_id)  Links to: None | First Name | Character Varying (45) | Actor’s first name |
| Unique keys:   * Actor\_id | Last Name | Character Varying (45) | Actor’s last name |
|  | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Film** | Film ID | Serial | Unique film identifier |
| Links from:  Film actor (film\_actor.film\_id>language.film\_id)  Inventory (inventory.film\_id>language.film\_id)  Film category (film\_category.film\_id>language.film\_id) | Title | Character Varying (255) | Film title in 255 characters maximum |
| Links to:  Language (film.city\_id>language.language\_id) | Description | Text | Film description |
| Unique keys:   * Film\_id * Language\_id | Release Year | Year | Year film was released |
|  | Language ID | Small Integer | Unique film language identifier |
|  | Rental Duration | Small Integer | Duration of film rental |
|  | Rental Rate | Numeric | Rate of film rental |
|  | Length | Small Integer | Duration of film |
|  | Replacement Cost | Numeric | Replacement cost of film |
|  | Rating | MPAA Rating | Rating of film based on MPAA |
|  | Last Update | Timestamp without timezone | Time last update was made |
|  | Special Features | Text | Special features of film (e.g., trailers) in text format |
|  | Fulltext | TSVECTOR | String of text into tokens used for searching |
|  |  |  |  |
| **Category** | Category ID | Serial | Unique film category identifier |
| Links from:  Film category (film\_category.category\_id>category.category\_id)  Links to: None | Name | Character Varying (25) | Name of category |
| Unique keys:  Category\_id | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Address**  Links from:  Customer (customer.city\_id>address.address\_id)  Staff (staff.city\_id>address.address\_id)  Store (store.city\_id>address.address\_id)  Links to:  City (address.city\_id>city.city\_id) | Address ID | Serial | Unique address identifier |
| Address | Character Varying (50) | First line of address |
| Address 2 | Character Varying (50) | Second line of address |
| District | Character Varying (20) | District of address |
| Unique keys:   * Address\_id * City\_id | City ID | Small Integer | Unique city identifier |
| Postal Code | Character Varying (10) | Address’ postal code |
| Phone | Character Varying (20) | Phone number linked to address |
| Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Language** | Language ID | Serial | Unique language identifier |
| Links from:  Film (film.language\_id>language.language\_id)  Links to: None | Name | Character (20) | Language name |
| Unique keys:  Language\_id | Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **City** | City ID | Serial | Unique City identifier |
| City | Character Varying (50) | Name of City |
| Links from:  Address (address.city\_id>city.city\_id)  Links to:  Country(city.country\_id>country.country\_id)  Unique keys:   * Country\_id * City\_id | Country ID | Small Integer | Unique country identifier |
| Last Update | Timestamp without timezone | Time last update was made |
|  |  |  |  |
| **Country** | Country ID | Serial | Unique Country identifier |
| Links from:  City (city.country\_id>country.country\_id)  Links to: None | Country | Character Varying (50) | Name of Country |
| Unique keys:  Country\_id | Last Update | Timestamp without timezone | Time last update was made |