# ROCKBUSTER STEALTH LLC.

**Data Dictionary – April 2024**

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# CONTENTS

# 1. ERD

## 2. Fact tables:

### payment

| Column Name | Data Type | Description |
|---|---|---|
| **payment_id** | SERIAL | It is the id of a single payment |
| **customer_id** | SMALLINT | The id of a single customer |
| **staff_id** | SMALLINT | The id of a staff member |
| **rental_ID** | INTEGER | The id of a single rental |
| **amount** | NUMERIC (5,2) | The total payment of the order with cents included. |
| **payment_date** | TIMESTAMP(6) WITHOUT TIME ZONE | The date of the payment |

### Rental

| Column Name | Data Type | Description |
|---|---|---|
| **rental_id** | SERIAL | The id of the rental transaction |
| **rental_date** | TIMESTAMP(6) WITHOUT TIME ZONE | The date of the rental |
| **inventory_id** | INTEGER | The id of the item according to the inventory |
| **customer_id** | SMALLINT | The id of the customer |
| **return_date** | TIMESTAMP(6) WITHOUT TIME ZONE | The return due date |
| **staff_id** | SMALLINT | Id of a staff member that did the rental for a client |

## 3. Dimension Tables:

### Store

| Column Name | Data Type | Description |
| --- | --- | --- |
| **store_id** | SERIAL | The id of a specific store |
| **manager_staff_ide** | SMALLINT | The id of the the stores staff manager |
| **address_id** | SMALLINT | The id of the address |
| **last_update** | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

### Film_actor

| Column Name | Data Type | Description |
| --- | --- | --- |
| **actor_id** | SMALLINT | The id of a specific actor |
| **fim_id** | SMALLINT | The id of a specific film |
| **last_update** | TIMESTAMP(6) WITHOUT TIME ZONE | When the table was last updated |

### Inventory:

| Column Name | Data Type | Description |
| --- | --- | --- |
| **inventory_id** | SERIAL | The id of a movie in the inventory |
| **film_id** | SMALLINT | The id of the film |
| **store_id** | SMALLINT | The id of the store |
| **last_update** | TIMESTAMP(6) WITHOUT TIME ZONE | The id of the customer |

### Film_category:

| Column Name | Data Type | Description |
| --- | --- | --- |
| **film_id** | SMALLINT | The id of a movie |
| **category_id** | SMALLINT | The if of the movies category |
| **last_update:** | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

Customer:

| Column Name | Data Type | Description |
| --- | --- | --- |
| customer_id | SERIAL | The id of the customer |
| store_id | SMALLINT | The id of the store where the customer is registered |
| first_name | CHARACTER VARYING(45) | The customer's first name |
| last_name | CHARACTER VARYING(45) | The customer's last name |
| email | CHARACTER VARYING(45) | The customer's email |
| address_id | SMALLINT | Id of the address |
| create_date | DATE | The date in which the customer was registered |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When the table was last updated |
| active | INTEGER | The status of the customer, if it is active |

Staff

| Column Name | Data Type | Description |
| --- | --- | --- |
| staff_id | SERIAL | The id of the the staff member |
| first_name | CHARACTER VARYING(45) | The first name of the staff member |
| last_name | CHARACTER VARYING(45) | The last name of the staff member |
| address_id | SMALLINT | The id of the address |
| email | CHARACTER VARYING(45) | The email of the staff member |
| store_id | SMALLINT | The id of the store |
| active | BOOLEAN | If the staff member is active |
| username | CHARACTER VARYING(45) | The staff's member username |
| password | CHARACTER VARYING(45) | The staff's members password |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |
| Picture | BYTEA | The staff's member picture |

## Actor

| Column Name | Data Type | Description |
| --- | --- | --- |
| actor_id | SERIAL | The id of the actor |
| first_name | CHARACTER VARYING(45) | The first name of the actor |
| last_name | CHARACTER VARYING(45) | The last name of the actor |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

## Film

| Column Name | Data Type | Description |
| --- | --- | --- |
| film_id | SERIAL | The id of the movie |
| title | CHARACTER VARYING(225) | The title of the movie |
| description | TEXT | The movie's description |
| release_year | year | When the movie was released |
| language_id | SMALLINT | In what language the movie is |
| rental_duration | SMALLINT | How long can the movie be rented |
| rental_rate | NUMERIC(4,2) | The cost of renting it |
| length | SMALLINT | The movie's length in minutes |
| replacement_cost | NUMERIC(5,2) | Cost of replacing it in case it is lost |
| rating | mpaa_rating | The rating of the movie (R, PG15..) |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | The staff's member picture |
| special_features | TEXT[] | Special features included in movie |
| fulltext | TSVECTOR | Search keywords for the movie |

## Category

| Column Name | Data Type | Description |
| --- | --- | --- |
| category_id | SERIAL | The id of the film category |
| name | CHARACTER VARYING(25) | The name of the category |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

## Language

| Column Name | Data Type | Description |
| --- | --- | --- |
| language_id | SERIAL | The id of the language |
| name | CHARACTER VARYING(20) | Name of the language |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

## Address

| Column Name | Data Type | Description |
| --- | --- | --- |
| address_id | SERIAL | The id of the film category |
| address | CHARACTER VARYING(50) | The main address of the store |
| address2 | CHARACTER VARYING(50) | Additional info on address. Empty |
| district | CHARACTER VARYING(20) | Which district |
| city_id | SMALLINT | ID of the city |
| postal_code | CHARACTER VARYING(10) | Postal Code |
| phone | CHARACTER VARYING(20) | telephone number |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

## City

| Column Name | Data Type | Description |
| --- | --- | --- |
| city_id | SERIAL | Id of the city where a store is |
| city | CHARACTER VARYING(20) | name of the city |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |

## Country

| Column Name | Data Type | Description |
| --- | --- | --- |
| country_id | SERIAL | The id of the country |
| country | CHARACTER VARYING(25) | Name of the country |
| last_update | TIMESTAMP(6) WITHOUT TIME ZONE | When it was last updated |