

# **Rockbuster Stealth Data Dictionary**

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## 1. Rockbuster Stealth LLC

The dataset known as Rockbuster Stealth encompasses details regarding the company's inventory, rentals, customers, payments, and employees. It comprises two fact tables and fourteen dimension tables.

## 2. Legend



Primary Key



Foreign Key





### 3. Entity Relationship Diagram



## 4. Tables

### 4.1 Fact Tables

#### 4.1.1: rental

	Column name	Data type	Description
	Payment_id	serial	Unique payment identifier.
	Customer_id	smallint	Unique customer identifier.
	Staff_id	smallint	Unique staff member identifier
	Rental_id	integer	Unique rental identifier.
	amount	Numeric (5, 2)	Amount paid for rental (in USD).
	Payment_date	timestamp (6) without time zone	Date and time of payment


#### Links to

Table Name	Join
Inventory	rental.inventory_id = inventory.inventory_id
Customer	rental.customer_id = customer.customer_id
Staff	rental.staff_id = staff.staff_id

#### Links From

Table Name	Join
Payment	rental.rental_id = payment.rental_id

## 4.1.2 payment




Rentals			
	Rental_id	serial	Unique rental identifier
	Rental_date	Timestamp without time zone	Date and time of rental
✓	Inventory_id	integer	Unique inventory identifier
✓	Customer_id	Small integer	Unique customer identifier
	Return_date	Timestamp without time zone	Date and time of rental
✓	Staff_id	Small integer	Unique staff identifier
	Last_update	Timestamp without time zone	Date and time of latest update

Links To	
Table name	Join
customer	rental.customer_id = customer.customer_id
inventory	rental.inventory_id = inventory.inventory_id
staff	rental.staff_id = staff.staff_id

Linked from	
Table name	Join
payment	rental.rental_id = payment.rental_id


## 4.2 Dimension Tables

### 4.2.1 store

	COLUMNS		
	Column name	Data type	Description
	store_id	serial	Unique store identifier
	manager_staff_id	smallint	Unique manager of staff identifier
	address_id	smallint	Unique store address identifier
	last_update	timestamp (6) without time zone	Date and time of last information update.

LINKS TO	
Table name	Join
address	store.address_id = address.address_id
staff	store.manager_staff_id = staff.staff_id



### 4.2.2 film\_actor

	COLUMNS		
	Column name	Data type	Description
	actor_id	serial	Unique actor identifier
	first_name	character varying (45)	First name of an actor.
	last_name	character varying (45)	Last name of an actor.
	last_update	timestamp (6) without time zone	Date and time of last information update.

<b>LINKS TO</b>	
<b>Table name</b>	<b>Join</b>
N/A	N/A

<b>LINKED FROM</b>	
<b>Table name</b>	<b>Join</b>
film_actor	actor.actor_id = film_actor.actor_id





### 4.2.3 inventory

	<b>COLUMNS</b>		
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
	inventory_id	serial	Unique inventory identifier
	film_id	smallint	Unique movie identifier
	store_id	smallint	Unique store identifier
	last_update	timestamp (6) without time zone	Date and time of last information update

<b>LINKS TO</b>	
<b>Table name</b>	<b>Join</b>
film	inventory.film_id = film.film_id

<b>LINKED FROM</b>	
<b>Table name</b>	<b>Join</b>
rental	inventory.inventory_id = rental.inventory_id



### 4.2.4 film\_category

	<b>COLUMNS</b>		
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
	film_id	smallint	Unique movie identifier
			
	category_id	smallint	Unique category identifier
			
	last_update	timestamp (6) without time zone	Date and time of last information update



<b>LINKS TO</b>	
<b>Table name</b>	<b>Join</b>
<b>category</b>	film_category.category_id = category.category_id
<b>film</b>	film_category.film_id = film.film_id



#### 4.2.5 customer

<b>COLUMNS</b>			
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
	customer_id	serial	Unique customer identifier
	store_id	smallint	Unique store identifier
	first_name	character varying (45)	Customer's first name
	last_name	character varying (45)	Customer's last name
	email	character varying (50)	Customer's email address
	address_id	smallint	Unique address identifier
	activebool	boolean	Customer's active status (true or false)
	create_date	date	Date of customer's profile creation (format yyyy-mm-dd).
	last_update	timestamp (6) without time zone	Date and time of last information update
	active	integer	Customer's active status (0 or 1)

<b>LINKS TO</b>	
<b>Table name</b>	<b>Join</b>
<b>address</b>	customer.address_id = address.address_id

<b>LINKED FROM</b>	
<b>Table name</b>	<b>Join</b>
<b>payment</b>	customer.customer_id = payment.customer_id =
<b>rental</b>	customer.customer_id = rental.customer_id =

## 4.2.6 staff

COLUMNS			
	Column name	Data type	Description
	staff_id	serial	Unique staff member identifier
	first_name	character varying (45)	Staff member's first name
	last_name	character varying (45)	Staff member's last name
	address_id	smallint	Unique address identifier
	email	character varying (50)	Staff member's email address
	store_id	smallint	Unique store identifier Active status of staff member (true or false)
	active	boolean	Active status of staff member (true or false)
	username	character varying (16)	Login username for particular staff member
	password	character varying (40)	Login password for particular staff member

LINKS TO	
Table name	Join
address	staff.address_id = address.address_id

LINKED FROM	
Table name	Join
payment	staff.staff_id = payment.staff_id
rental	staff.staff_id = rental.staff_id
store	staff.staff_id = store.staff_id

## 4.2.7 film


	<b>COLUMNS</b>		
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
🔑	film_id	serial	Unique ID number given to each film
	title	character varying (255)	Title of film
	description	text	Description of film in text
	release year	year	The year the film was released

✓	language_id	smallint	The language of the film
	rental_duration	smallint	The length of the rental in days
	rental_rate	numeric (4, 2)	Price of rental in USD
	length	smallint	Length of film in minutes
	replacement_cost	numeric (5, 2)	Cost of replacing each film unit lost in USD
	rating	mpaa_rating	Rating given to each film by the MPAA
	last_update	timestamp (6) without time zone	Timestamp for the exact date and time this table was last updated
	special_features	text []	Special features that accompany the film
	fulltext	tsvector	Text search vectors for full film text searches

<b>LINKS TO</b>	
Table name	<b>Join</b>
language	film.language_id = language.language_id



<b>LINKED FROM</b>	
Table name	<b>Join</b>
film_actor	film.film_id = film_actor.film_id
film_category	film.film_id = film_category.film_id
inventory	film.film_id = inventory.film_id

## 4.2.8 category

	COLUMNS		
	Column name	Data type	Description
	category_id	serial	Unique film category identifier
	name	character varying (25)	Name of the film category.
	last_update	timestamp (6) without time zone	Date and time of last information update.

LINKED FROM	
Table name	Join
film_category	category.category_id = film_category.category_id


#### 4.2.9 address

	COLUMNS		
	Column name	Data type	Description
	address_id	serial	Unique address identifier
	address	character varying (50)	Primary address.
	address2	character varying (50)	Second address.
	district	character varying (20)	Address district.
	city_id	smallint	Unique city identifier.
	postal_code	character varying (10)	Address postal code.
	phone	character varying (20)	Phone number.
	last_update	timestamp (6) without time zone	Date and time of last information update

LINKS TO	
Table name	Join
city	address.city_id = city.city_id



LINKED FROM	
Table name	Join
customer	address.address_id = customer.address_id
staff	address.address_id = staff.address_id
store	address.address_id = store.address_id

#### 4.2.10 language

	COLUMNS		
	Column name	Data type	Description
	language_id	serial	Unique language identifier
	name	character (20)	Name of the language
	last_update	timestamp (6) without time zone	Date and time of last information update.

LINKED FROM	
Table name	Join
film	language.language_id = film.language_id


#### 4.2.11 city

	COLUMNS		
	Column name	Data type	Description
	city_id	serial	Unique city identifier.
	city	character varying (50)	Name of the city.
	country_id	smallint	Unique country identifier.
	last_update	timestamp (6) without time zone	Date and time of last information update.

<b>LINKS TO</b>	
Table name	<b>Join</b>
<b>country</b>	city.country_id =country.country_id


<b>LINKED FROM</b>	
Table name	<b>Join</b>
<b>address</b>	city.city_id =address.city_id

## 4.2.12 country

	<b>COLUMNS</b>		
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
	country_id	serial	Unique country identifier.
	country	character varying (50)	Name of the country.
	last_update	timestamp (6) without time zone	Date and time of last information update.

<b>LINKED FROM</b>	
Table name	<b>Join</b>
<b>city</b>	country.country_id = city.country_id

## 4.2.13 employees

<b>COLUMNS</b>			
	<b>Column name</b>	<b>Data type</b>	<b>Description</b>
	employee_id	CHARACTER VARYING(30)	Unique ID number given to each employee
	name	CHARACTER	Name of employee

		VARYING(50)	
	contact_number	CHARACTER VARYING(30)	Phone number of employee
	designation_id	INTEGER	Number designating employee
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Timestamp for the exact date and time this table was last updated