

Rockbuster Stealth Data Dictionary

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Facts Table:

Payment

Columns	Data Type	Description	Key Type
payment_id	integer	ID given to each payment	Primary Key
customer_id	smallint	ID given to each customer	Foreign Key
staff_id	smallint	ID given to each staff	Foreign Key
rental_id	integer	ID given to each rental transaction	Foreign Key
amount	numeric / numeric(5,2)	Rental amount paid by the customer	
payment_date	timestamp without time zone	The time and date when the rental transaction took place.	

This table is **linked to** the following tables: rental and customer

This table is **linked from** the following tables: staff

Film

Columns	Data Type	Description	Key Type
film_id	integer	ID of the film	Primary Key
title	character varying	Title of the film	
description	text	Textual description of the film	
release_year	integer	Year the film was released	
language_id	smallint	Main language of the film	Foreign Key
rental_duration	smallint	Rental duration of the film	
rental_rate	numeric	Rate at which the film was rented	
length	smallint	Total duration of the film	
replacement_cost	numeric	Cost involved in replacement	
rating	USER-DEFINED	Rating of the film provided by the customers	
last_update	timestamp without time zone	date on when the information was last modified	
special_features	ARRAY	Special features used to promote the film	
fulltext	tsvector	different genre the film was categorized	

This table is **linked to** the following tables: inventory, film_actor, film_category

This table is **linked from** the following tables: language

Dimension Table:

Rental

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
rental_id	integer	ID given to each rental transaction	Primary Key
rental_date	timestamp without time zone	Date in which the film was rented	
inventory_id	integer	ID of the rental unit	Foreign Key
customer_id	smallint	ID of the customer	Foreign Key
return_date	timestamp without time zone	Date in which the customer returned the product	
staff_id	smallint	ID of the staff who processed the transaction	Foreign Key
last_update	timestamp without time zone	Data on when the information was last modified	

This table is **linked to** the following tables: customer, inventory, and staff

This table is **linked from** the following tables: payment

Store

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
store_id	integer	ID of the store	Primary Key
manager_staff_id	smallint	ID of the manager	Foreign Key
address_id	smallint	ID of the address	Foreign Key
last_update	timestamp without time zone	Data on when the information was last modified	

This table is **linked to** the following tables: rental, customer, and staff

This table is **linked from** the following tables: staff, address

Film actor

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
actor_id	smallint	ID of the actor	Composite Primary Key
film_id	smallint	ID of the film	Composite Primary Key
last_update	timestamp without time zone	Data on when the information was last modified	

This table is **linked to** the following tables: film

This table is **linked from** the following tables: actor

Inventory

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
inventory_id	integer	ID of the inventory – the film repository	Primary Key
film_id	smallint	ID of the film	Foreign Key
store_id	smallint	ID of the store that has the films	
last_update	timestamp without time zone	Data on when the information was last modified	

This table is **linked to** the following tables: rental, film_category, film_actor

This table is **linked from** the following tables: film

Film Category

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
film_id	smallint	ID of the film	Composite Primary Key
category_id	smallint	ID of the film category	Composite Primary Key
last_update	timestamp without time zone	Data on when the information was last modified	

This table is **linked to** the following tables: none

This table is **linked from** the following tables: film, category

Customer

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
customer_id	integer	ID of the customer	Primary Key
store_id	smallint	ID of the store	Foreign Key
first_name	character varying	First name of the customer	
last_name	character varying	Last name of the customer	
email	character varying	Email ID of the customers	
address_id	smallint	ID of the customers address	Foreign Key
activebool	boolean	Information on whether the customer is active or not indicated by true or false	
create_date	date	date the customer record was created	
last_update	timestamp without time zone	date when the last update was performed	
active	integer	information on whether the customer is active or not	

This table is **linked to** the following tables: rental

This table is **linked from** the following tables: address

Staff

Columns	Data Type	Description	Key Type
staff_id	integer	ID of the customer	Primary Key
first_name	character varying	First name of the staff	
last_name	character varying	Last name of the staff	
address_id	smallint	ID of the customer address	Foreign Key
email	character varying	Email ID of the customers	
store_id	smallint	ID of the store	Foreign Key
active	boolean	Information on whether the staff is active or not indicated by true or false	
username	character varying	username of the staff	
password	character varying	password of the staff	
last_update	timestamp without time zone	date on when the information was last modified	
picture	bytea	picture of the staff	

This table is **linked to** the following tables: store, rental, and payment

This table is **linked from** the following tables: address

Actor

Columns	Data Type	Description	Key Type
actor_id	integer	ID of the actor	Primary Key
first_name	character varying	First name of the actor	
last_name	character varying	Last name of the actor	
last_update	timestamp without time zone	date on when the information was last modified	

This table is **linked to** the following tables: film_actor

This table is **linked from** the following tables: none

Language

Columns	Data Type	Description	Key Type
language_id	integer	ID of the film language	Primary Key
name	character	Name of the film	
last_update	timestamp without time zone	Date on when the information was last modified	

This table is **linked to** the following tables: film

This table is **linked from** the following tables: none

Address

Columns	Data Type	Description	Key Type
address_id	integer	ID of the address	Primary Key
address	character varying	Address of the store	
address2	character varying	Secondary address of the store	
district	character varying	District of the store	
city_id	smallint	City in which the store is located	Foreign Key
postal_code	character varying	Postal code of the store	
phone	character varying	Phone number of the store	
last_update	timestamp without time zone	Date on when the information was last modified	

This table is **linked to** the following tables: customer, staff, store

This table is **linked from** the following tables: city

City

Columns	Data Type	Description	Key Type
city_id	integer	ID of the store city	Primary Key
city	character varying	City in which the store is located	
country_id	smallint	Country in which the store is located	Foreign Key
last_update	timestamp without time zone	Date on when the information was last modified	

This table is **linked to** the following tables: address

This table is **linked from** the following tables: country

Country

Columns	Data Type	Description	Key Type
country_id	integer	ID of the country	Primary Key
country	character varying	Name of the country	
last_update	timestamp without time zone	Date on when the information was last modified	

This table is **linked to** the following tables: city

This table is **linked from** the following tables: none

Category

<i>Columns</i>	<i>Data Type</i>	<i>Description</i>	<i>Key Type</i>
category_id	integer	ID of the film category	Primary Key
name	character varying	Name of the category (action, scifi)	
last_update	timestamp without time zone	Date on when the information was last modified	

This table is **linked to** the following tables: film_category

This table is **linked from** the following tables: none