

Rockbuster Stealth LLC

DATA DICTIONARY

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Fact Tables.

Payment

Column	Type	Description
payment_id	Integer	Unique identifier for each payment record.
customer_id	SmallInt	Links to the customer table.
staff_id	SmallInt	Links to the staff table.
rental_id	Integer	Links to the rental table.
amount	Numeric	Payment amount.
payment_date	Timestamp (no time zone)	Date and time of payment.

Rental

Column	Type	Description
rental_id	Integer	Unique identifier for each rental record.
rental_date	Timestamp (no time zone)	Date and time the rental started.
inventory_id	Integer	Links to the inventory table.
customer_id	SmallInt	Links to the customer table.
return_date	Timestamp (no time zone)	Date and time the rental was returned.
staff_id	SmallInt	Links to the staff table.
last_update	Timestamp (no time zone)	Last update to this record.

Dimension Tables.

Film Actor

Column	Type	Description
actor_id	SmallInt	Links to the actor table (PK, FK).
film_id	SmallInt	Links to the film table (PK, FK).
last_update	Timestamp (no time zone)	Last update to this record.

Inventory

Column	Type	Description
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inventory_id	Integer	Unique identifier for each inventory record.
film_id	SmallInt	Links to the film table.
store_id	SmallInt	Identifies the store holding the inventory.
last_update	Timestamp (no time zone)	Last update to this record.

Actor

Column	Type	Description
actor_id	Integer	Unique identifier for each actor record.
first_name	Character Varying(45)	Actor's first name.
last_name	Character Varying(45)	Actor's last name.
last_update	Timestamp (no time zone)	Last update to this record.

Film

Column	Type	Description
film_id	Integer	Unique identifier for each film record.
title	Character Varying(255)	The title of the film.
description	Text	A description of the film.
release_year	Integer	The year the film was released.
language_id	SmallInt	Links to the language table.
rental_duration	SmallInt	The duration in days for which the film can be rented.
rental_rate	Numeric	The cost to rent the film.
length	SmallInt	The length of the film in minutes.
replacement_cost	Numeric	Cost to replace the film.
rating	USER-DEFINED	The film's rating.
last_update	Timestamp (no time zone)	Last update to this record.
special_features	ARRAY	An array of special features of the film.
fulltext	tsvector	Text search vector for the film.

Language

Column	Type	Description
language_id	Integer	Unique identifier for each language record.
name	Character(20)	The name of the language.
last_update	Timestamp (no time zone)	Last update to this record.

Film category.

Column	Type	Description
film_id	SmallInt	Links to the film table (PK, FK).
category_id	SmallInt	Links to the category table (PK, FK).
last_update	Timestamp (no time zone)	Last update to this record.

Category

Column	Type	Description
category_id	Integer	Unique identifier for each category.
name	Character Varying(25)	The name of the category.
last_update	Timestamp (no time zone)	Last update to this record.

Customer

Column	Type	Description
customer_id	Integer	Unique identifier for each customer record.
store_id	SmallInt	Identifies the store associated with the customer.
first_name	Character Varying(45)	The customer's first name.
last_name	Character Varying(45)	The customer's last name.
email	Character Varying(50)	The customer's email address.
address_id	SmallInt	Links to the address table (FK).

activebool	Boolean	A boolean flag indicating active status.
create_date	Date	The date the customer record was created.
last_update	Timestamp (no time zone)	Last update to this record.
active	Integer	An integer flag indicating active status (alternative to activebool).

Store

Column	Type	Description
store_id	Integer	Unique identifier for each store record.
manager_staff_id	SmallInt	Links to a staff member designated as the manager (FK).
address_id	SmallInt	Links to the address table (FK).
last_update	Timestamp (no time zone)	Last update to this record.

Staff

Column	Type	Description
staff_id	Integer	Unique identifier for each staff record.
first_name	Character Varying(45)	The staff member's first name.
last_name	Character Varying(45)	The staff member's last name.
address_id	SmallInt	Links to the address table (FK).
email	Character Varying(50)	The staff member's email address.
store_id	SmallInt	Identifies the store associated with the staff member.
active	Boolean	A boolean flag indicating active status.
username	Character Varying(16)	The staff member's username.

password	Character Varying(40)	The staff member's password.
last_update	Timestamp (no time zone)	Last update to this record.
picture	Bytea	A binary field for storing staff pictures.

Address

Column	Type	Description
address_id	Integer	Unique identifier for each address record.
address	Character Varying(50)	The primary address line.
address2	Character Varying(50)	The secondary address line (optional).
district	Character Varying(20)	The district or area of the address.
city_id	SmallInt	Links to the city table (FK).
postal_code	Character Varying(10)	The postal or ZIP code of the address.
phone	Character Varying(20)	The primary contact phone number.
last_update	Timestamp (no time zone)	Last update to this record.

City

Column	Type	Description
city_id	Integer	Unique identifier for each city record.
city	Character Varying(50)	The name of the city.
country_id	SmallInt	Links to the country table (FK).
last_update	Timestamp (no time zone)	Last update to this record.

Country

Column	Type	Description
country_id	Integer	Unique identifier for each country record.
country	Character Varying(50)	The name of the country.
last_update	Timestamp (no time zone)	Last update to this record.

