Rockbuster Stealth

Database Dictionary

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Entity Relationship Diagram

FACT TABLE

Table name: Rental

Columns	Data Type	Description
rental_id	SERIAL	Unique number assigned to each rental
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Data and time of rental
inventory_id	INTEGER	Unique number assigned to each item in the inventory
customer_id	SMALLINT	Unique number assigned to each customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of rental return
staff_id	SMALLINT	Unique number assigned to each member of the staff
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

DIMENSION TABLE

Table name: Payment

Columns	Data Type	Description
payment_id	SERIAL	Unique number assigned to each payment transaction
customer_id	SMALLINT	Unique number assigned to each customer
staff_id	SMALLINT	Unique number assigned to each member of the staff
rental_id	INTEGER	Unique number assigned to each rental
amount	NUMERIC(5,2)	Amount paid

payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of payment

Table name: Store

Columns	Data Type	Description
store_id	SERIAL	Unique number assigned to each store
manager_staff_id	SMALLINT	Unique number assigned to each manager
address_id	SMALLINT	Unique number assigned to each store address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Film actor

Columns	Data Type	Description
actor_id	SMALLINT	Unique number assigned to each actor
film_id	SMALLINT	Unique number assigned to each film
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Inventory

Columns	Data Type	Description
inventory_id	SERIAL	Unique number assigned to each item in the inventory
film_id	SMALLINT	Unique number assigned to each film
store_id	SMALLINT	Unique number assigned to each store
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Film category

Columns	Data Type	Description
film_id	SMALLINT	Unique number assigned to each film
category_id	SMALLINT	Unique number assigned to each category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Customer

Columns	Data Type	Description
customer_id	SERIAL	Unique number assigned to each customer
store_id	SMALLINT	Unique number assigned to each store
first_name	CHARACTER VARYING(45)	Customer first name
last_name	CHARACTER VARYING(45)	Customer last name
email	CHARACTER VARYING(50)	Customer email
address_id	SMALLINT	Customer add
activebool	BOOLEAN	Shows whether customer is active or inactive
create_date	DATE	Date entry was created
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset
active	INTEGER	Customer status

Table name: Staff

Columns	Data Type	Description

staff_id	SERIAL	Unique number assigned to each member of the staff
first_name	CHARACTER VARYING(45)	Staff first name
last_name	CHARACTER VARYING(45)	Staff last name
address_id	SMALLINT	Staff address
email	CHARACTER VARYING(50)	Staff email
store_id	SMALLINT	Unique number assigned to each store
active	BOOLEAN	Shows whether staff is active or inactive
username	CHARACTER VARYING(16)	Staff username
password	CHARACTER VARYING(40)	Staff account's password
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset
picture	BYTEA	Whether staff has picture or not

Table name: Actor

Columns	Data Type	Description
actor_id	SERIAL	Unique number assigned to each actor
first_name	CHARACTER VARYING(45)	Actor first name
last_name	CHARACTER VARYING(45)	Actor last name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Film

Columns	Data Type	Description
film_id	SERIAL	Unique number assigned to each film

title	CHARACTER VARYING(255)	Film title
description	TEXT	Description of film
release_year	year	Year when film was released
language_id	SMALLINT	Unique number assigned to each language
rental_duration	SMALLINT	Duration of time the film was rented for
rental_rate	NUMERIC(4,2)	Cost of film rental
length	SMALLINT	Duration of film
replacement_cost	NUMERIC(5,2)	Amount incurred to replace film rental unit
rating	mpaa_rating	Film rating
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset
special_features	TEXT[]	List of special features related to the film
fulltext	TSVECTOR	Index

Table name: Category

Columns	Data Type	Description
category_id	SERIAL	Unique number assigned to each category
name	CHARACTER VARYING(25)	Name of category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Address

Columns	Data Type	Description
address_id	SERIAL	Unique number assigned to each address

address	CHARACTER VARYING(50)	Address line 1
address2	CHARACTER VARYING(50)	Address line 2
district	CHARACTER VARYING(20)	Name of district of address
city_id	SMALLINT	Unique number assigned to each city
postal_code	CHARACTER VARYING(10)	Zip code of address
phone	CHARACTER VARYING(20)	Phone number related to address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: Language

Columns	Data Type	Description
language_id	SERIAL	Unique number assigned to each language
name	CHARACTER(20)	Name of language
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: City

Columns	Data Type	Description
city_id	SERIAL	Unique number assigned to each city
city	CHARACTER VARYING(50)	Name of city
country_id	SMALLINT	ID that identifies the country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset

Table name: County

Columns	Data Type	Description
country_id	SERIAL	Unique number assigned to each county
country	CHARACTER VARYING(50)	Name of county
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update to the dataset