



Rockbuster Stealth LLC.

DATA DICTIONARY

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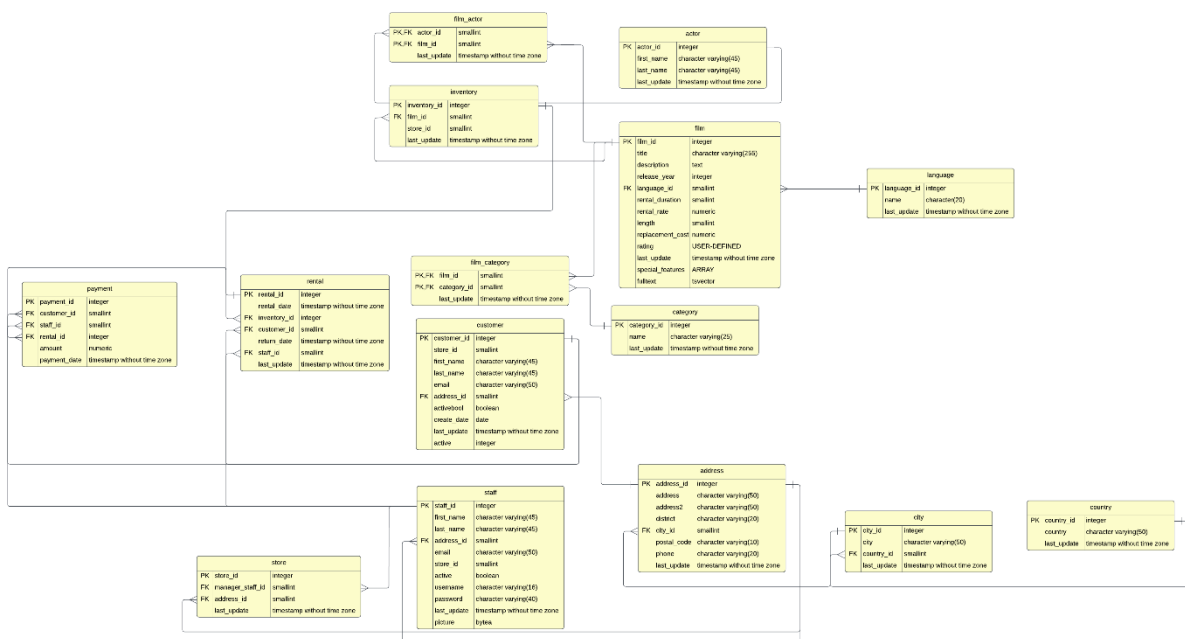
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Entity Relationship Diagram (ERD)



Payment Table. (Dimension Table)

COLUMN	DATA TYPE	DESCRIPTION
payment_id	integer	unique number identifying each payment transaction
customer_id	smallint	unique number identifying each customer
staff_id	smallint	unique number identifying each staff member
rental_id	integer	unique ID number for each rental instance
amount	numeric	amount of payment in USD
payment_date	timestamp without time zone	timestamp of the exact date and time the payment was made

Rental Table (Fact Table)

COLUMN	DATA TYPE	DESCRIPTION
rental_id	integer	unique ID number for each rental instance
rental_date	timestamp without time zone	timestamp for exact date and time of rental
inventory-id	integer	unique number identifying each rental unit in inventory
customer_id	smallint	unique number identifying each customer
return-date	timestamp without time zone	timestamp for exact date and time of rental return
staff_id	smallint	unique number identifying each staff member
Last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Store table.

COLUMN	DATA TYPE	DESCRIPTION
Store_id	integer	unique ID number for each store location
manager_staff_id	smallint	unique ID number for the manager of each store
address_id	smallint	unique ID number for each address (including stores, staff, and customers. In this case it is the ID for the store address.)
last_update_id	timestamp without time zone	timestamp for the exact date and time this table was last updated

Film_actor table.

COLUMN	DATA TYPE	DESCRIPTION
actor_id	smallint	unique ID number given to each film actor
film_id	smallint	unique ID number given to each film
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Inventory Table.

COLUMN	DATA TYPE	DESCRIPTION
inventory_id	integer	unique number identifying each rental unit in inventory
film_id	smallint	unique ID number given to each film
store_id	smallint	unique ID number for each store location
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Film_category Table.

COLUMN	DATA TYPE	DESCRIPTION
film_id	smallint	unique ID number given to each film
store_id	smallint	unique ID number given to each film category
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Customer table.

COLUMN	DATA TYPE	DESCRIPTION
customer_id	integer	unique number identifying each customer
store_id	smallint	unique ID number for each store location
first_name	Character Varying (45)	first name of customer
last_name	Character Varying (45)	last name of customer
email	Character Varying (50)	e-mail address of customer
address_id	smallint	unique ID number for the customer address
activebool	boolean	true or false for if the customer is currently an active customer
create_date	date	the date the customer's account was created
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated
active	integer	0 or 1 indicating the customer's active status

Staff Table.

COLUMN	DATA TYPE	DESCRIPTION
staff_id	integer	unique number identifying each staff member
first_name	Character Varying (45)	first name of staff member
last_name	Character Varying (45)	last name of staff member
address_id	smallint	unique ID number for the staff address
email	Character Varying (50)	e-mail address of staff member
store_id	smallint	unique ID number for each store location
active	boolean	true or False for if the staff member is currently an active staff member
username	Character Varying (16)	staff member username
password	Character Varying (40)	staff member password
last_update	timestamp (6) without time zone	timestamp for the exact date and time this table was last updated
picture	bytea	photo of staff member

Actor Table.

COLUMN	DATA TYPE	DESCRIPTION
actor_id	integer	unique ID number given to each actor
First_name	Character Varying (45)	first name of actor
last_name	Character Varying (45)	last name of actor
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Film Table.

COLUMN	DATA TYPE	DESCRIPTION
film_id	integer	unique ID number given to each film
title	Character Varying (255)	title of the film
description	text	description of film in text
release_year	integer	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	price of rental in USD
length	smallint	length of film in minutes
replacement_cost	numeric	cost of replacing each film unit lost in USD
rating	USER-DEFINED	rating given to each film by the MPAA
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated
Special_features	ARRAY	specific features that accompany the film
fulltext	tsvector	text search vectors for full film text searches

Category Table.

COLUMN	DATA TYPE	DESCRIPTION
category_id	integer	unique ID number given to each film category
name	Character Varying (25)	name of category
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Address Table.

COLUMN	DATA TYPE	DESCRIPTION
address_id	integer	unique ID number for each address, stores, staff, and customers
address	Character Varying (50)	street address
address2	Character Varying (50)	second line of street address
district	Character Varying (20)	state, province, or territory of address
city_id	smallint	unique ID number given to each city
postal_code	Character Varying (10)	postal code for each address
phone	Character Varying (20)	phone number for each customer, store, or staff member whose address is in table
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Language Table.

COLUMN	DATA TYPE	DESCRIPTION
language_id	integer	unique ID number given to each language in which the films exist
name	character(20)	language name
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

City Table.

COLUMN	DATA TYPE	DESCRIPTION
city_id	integer	unique ID number given to each city
city	Character Varying (50)	name of city
country_id	smallint	unique ID number given to each country
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

Country Table.

COLUMN	DATA TYPE	DESCRIPTION
country_id	integer	unique ID number given to each country
country	Character Varying (50)	name of country
last_update	timestamp without time zone	timestamp for the exact date and time this table was last updated

