

ROCKBUSTER

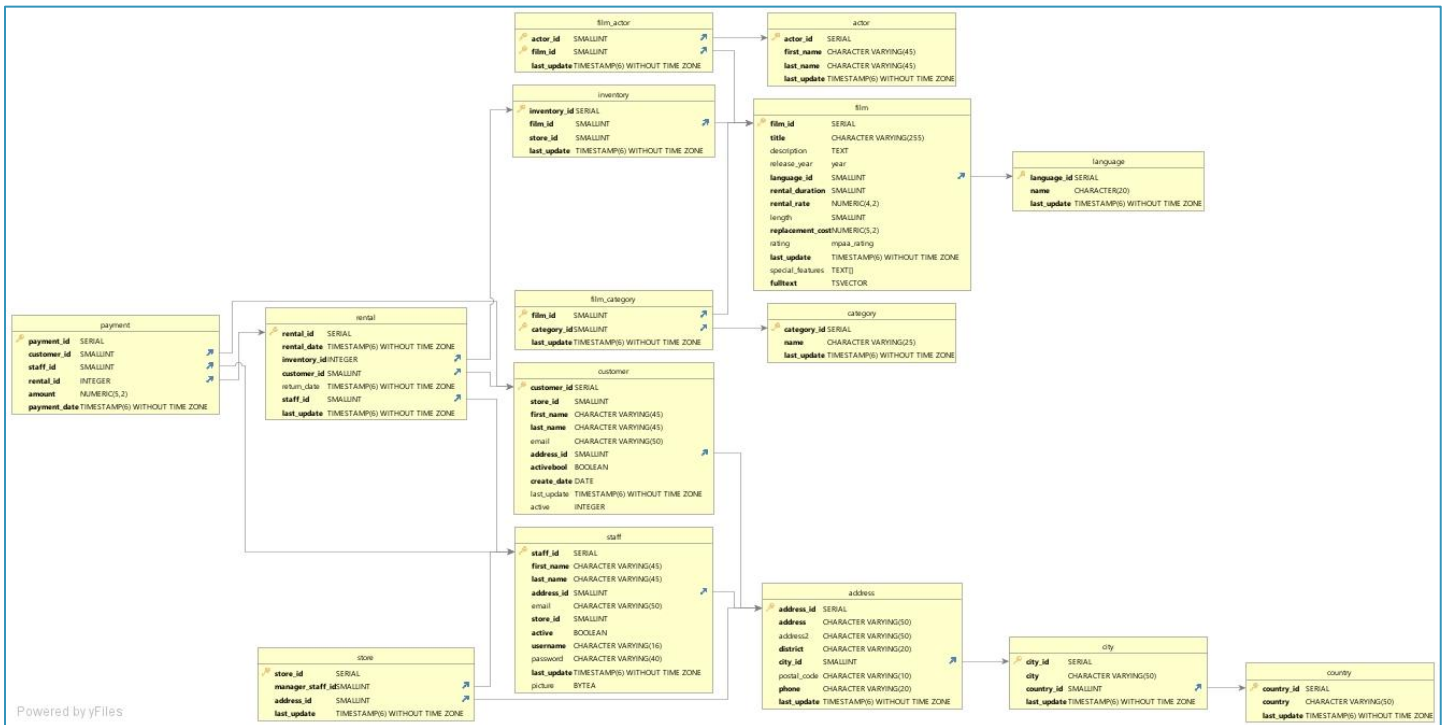
Stealth

DATA DICTIONARY

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1. Entity Relationship Diagram



[Zoom in and out using the scroll wheel on your mouse or using the magnifying glass under the View tab in the ribbon to see more detail of the entity relationship diagram above]

2. Data Tables

2.1. Film Tables

NOTE: Primary Key (PK) indicated by light blue shaded cell and Foreign Key (FK) indicated by gray shaded cell in the following tables.

2.1.1. Table: actor (dimension)

Column	Data Types	Description
actor_id	integer	a unique identifier for actor
first_name	character varying	first name of the actor
last_name	character varying	last name of the actor
last_update	timestamp without time zone	the date and time when the last update is made

[Links to] None

[Links from]

Table: film_actor | film.film_id = film_actor.film_id

Table: inventory | film.film_id = inventory.film_id

Table: film_category | film.film_id = film_category.film_id

2.1.2. Table: category (dimension)

Column	Data Types	Description
category_id	integer	a unique identifier for category
name	character varying	name of the category
last_update	timestamp without time zone	the date and time when the last update is made

[Links to] None

[Links from]

Table: film_category | category.category_id = film_category.category_id

2.1.3. Table: film (dimension)

Column	Data Types	Description
film_id	integer	a unique identifier for film
title	character varying	the title of the film
description	text	the description of the film
release_year	integer	the year when the film is released
language_id	smallint	a unique identifier for language
rental_duration	smallint	the duration of the rental
rental_rate	numeric	the date and time when the rental is made
length	smallint	the length of the film
replacement_cost	numeric	the cost of replacing the film
rating	user-defined	the rating of the film
last_update	timestamp without time zone	the date and time when the last update is made
special_features	array	the special feature of the film

fulltext	tsvector	the index type of full-text index
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[Links to]

Table: **language** | film.language_id = language.language_id

[Links from]

Table: **film_actor** | film.film_id = film_actor.film_id

Table: **film_category** | film.film_id = film_category.film_id

Table: **inventory** | film.film_id = inventory.film_id

2.1.4. Table: film_actor (dimension)

Column	Data Types	Description
actor_id	smallint	a unique identifier for actor
film_id	smallint	a unique identifier for film
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: **actor** | film_actor.actor_id = actor.actor_id

[Links from]

Table: **film** | film_actor.film_id = film.film_id

Table: **film_category** | film_actor.film_id = film_category.film_id

Table: **inventory** | film_actor.film_id = inventory.film_id

2.1.5. Table: film_category (dimension)

Column	Data Types	Description
film_id	smallint	a unique identifier for film
category_id	smallint	a unique identifier for category
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: **category** | film_category.category_id = category.category_id

[Links from]

Table: **film** | film_category.film_id = film.film_id

2.1.6. Table: inventory (dimension)

Column	Data Types	Description
inventory_id	integer	a unique identifier for inventory
film_id	smallint	a unique identifier for film
store_id	smallint	a unique identifier for store
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: **film** | inventory.film_id = film.film_id

[Links from]

Table: **rental** | inventory.inventory_id = rental.inventory_id

2.1.7. Table: language (dimension)

Column	Data Types	Description
language_id	integer	a unique identifier for language
name	character	name of the language
last_update	timestamp without time zone	the date and time when the last update is made

[Links to] None

[Links from]

Table: film | language.language_id = film.language_id

2.2. Payment Tables

2.2.1. Table: payment (fact)

Column	Data Types	Description
payment_id	integer	a unique identifier for payments
customer_id	smallint	a unique identifier for customer
staff_id	smallint	a unique identifier for staff
rental_id	integer	a unique identifier for rental
amount	numeric	amount paid by the customer
payment_date	timestamp without time zone	the date and time when a payment is paid

[Links to]

Table: customer | payment.customer_id. = customer.customer_id

Table: rental | payment.rental_id. = rental.rental_id

Table: staff | payment.staff_id. = staff.staff_id

[Links from] None

2.2.2. Table: rental (fact)

Column	Data Types	Description
rental_id	integer	a unique identifier for rental
rental_date	timestamp without time zone	the date and time when the rental is made
inventory_id	integer	a unique identifier for inventory
customer_id	smallint	a unique identifier for customer
return_date	timestamp without time zone	the date and time when the return is made
staff_id	smallint	a unique identifier for staff
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: customer | rental.customer_id = customer.customer_id

Table: staff | rental.staff_id = staff.staff_id

Table: inventory | rental.inventory_id = inventory.inventory_id

[Links from]

Table: payment | rental.rental_id = payment.rental_id

2.3. People Tables

2.3.1. Table: customer (dimension)

Column	Data Types	Description
customer_id	integer	a unique identifier for customer
store_id	smallint	a unique identifier for store
first_name	character varying	first name of the customer
last_name	character varying	last name of the customer
email	character varying	email of the customer
address_id	smallint	a unique identifier for address
activebool	boolean	status whether the customer is active or not
create_date	date	the date when the customer acct was created
last_update	timestamp without time zone	the date and time when the last update is made
active	integer	number

[Links to]

Table: staff | customer.customer_id = staff.customer_id

[Links from]

Table: rental | customer.address_id = rental.address_id

2.3.2. Table: staff (dimension)

Column	Data Types	Description
staff_id	integer	a unique identifier for staff
first_name	character varying	first name of the staff
last_name	character varying	last name of the staff
address_id	smallint	a unique identifier for address
email	character varying	email of the staff
store_id	smallint	a unique identifier for store
active	boolean	status whether the staff is active or not
username	character varying	username of the staff
password	character varying	password of the staff
last_update	timestamp without time zone	the date and time when the last update is made
picture	byte	picture of the staff

[Links to]

Table: address | staff.address_id = address.address_id

[Links from]

Table: customer | staff.address_id = customer.address_id

Table: store | staff.store_id = store.store_id

Table: payment | staff.staff_id = payment.staff_id

2.3.3. Table: store (dimension)

Column	Data Types	Description
store_id	integer	a unique identifier for store
manager_staff_id	smallint	a unique identifier for manager staff
address_id	smallint	a unique identifier for address
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: address | store.address_id = address.address_id

Table: staff | store.address_id = staff.address_id

[Links from] None

2.4. Location Tables

2.4.1. Table: address (dimension)

Column	Data Types	Description
address_id	integer	a unique identifier for address
address	character varying	the first line of an address
address2	character varying	an optional second line of an address
district	character varying	the region of an address
city_id	smallint	the city of an address
postal_code	character varying	the postal code of an address
phone	character varying	the phone number for the address
last_update	timestamp without time zone	the date and time when the last update is made

[Links to]

Table: city | address.city_id = city.city_id

[Links from]

Table: staff | address.city_id = staff.city_id

Table: store | address.address_id = store.address_id

2.4.2. Table: city (dimension)

Column	Data Types	Description
city_id	integer	a unique identifier for city
city	character varying	name of city
country_id	smallint	a unique identifier for country

last_update	timestamp without time zone	the date and time when the last update is made
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[Links to]

Table: country | city.city_id = country.city_id

[Links from]

Table: address | city.city_id = address.city_id

2.4.3. Table: country (dimension)

Column	Data Types	Description
country_id	integer	a unique identifier for country
country	character varying	name of country
last_update	timestamp without time zone	the date and time when the last update is made

[Links to] None

[Links from]

Table: city | country.city_id = city.city_id