



Rockbuster Data Dictionary

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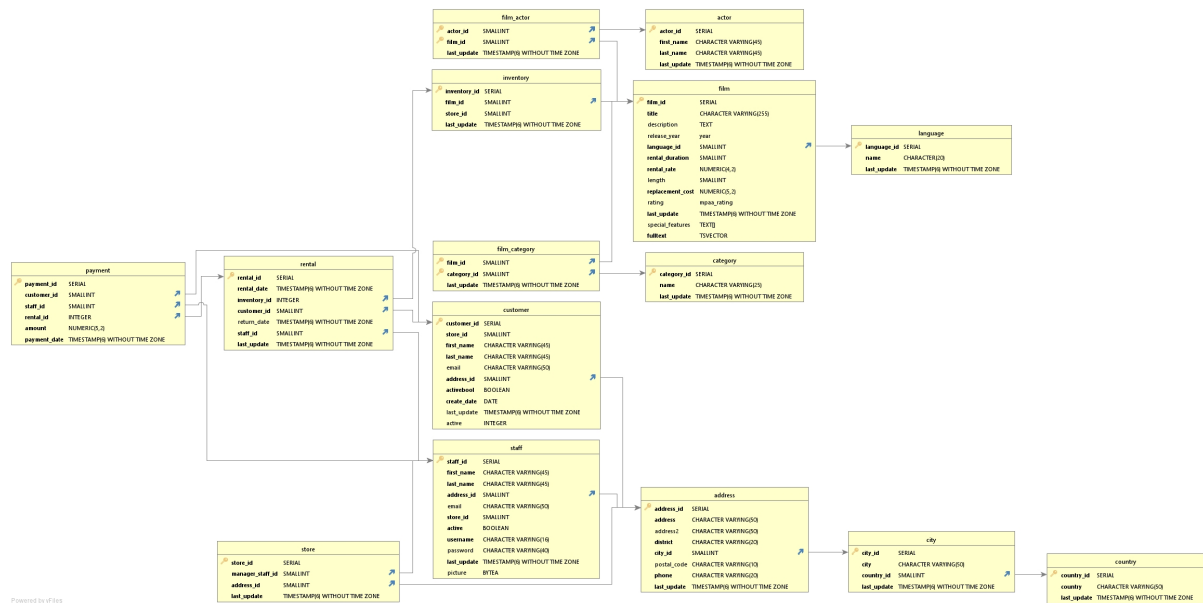
staff 8

customer 9

address 10

city 11

country 12



Fact table

rental

Columns

Name	Data type	Description
rental_id	SERIAL	Primary key identifying the rental record
rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when rental record was created
inventory_id	INTEGER	Number identifying the inventory record
customer_id	SMALLINT	Number identifying the customer
return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when the rental was returned
staff_id	SMALLINT	Number identifying the staff processing the rental
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links to

Table	Join	Title/Name/Description
inventory	rental.inventory_id=inventory.inventory_id	
customer	rental.customer_id=customer.customer_id	

Table	Join	Title/Name/Description
staff	rental .staff_id=staff.staff_id	

Links from

Table	Join	Title/Name/Description
Payment	rental .rental_id=payment.rental_id	

Unique keys

Columns	Name/Description
rental_date	
inventory_id	

Dimension tables

payment

Columns

Name	Data type	Description
payment_id	SERIAL	Primary key identifying the payment record
customer_id	SMALLINT	Number identifying the customer record
staff_id	SMALLINT	Number identifying the staff processing the payment
rental_id	INTEGER	Number identifying the rental record
amount	NUMERIC(5,2)	Amount of rental payment
payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when payment was processed

Links to

Table	Join	Title/Name/Description
rental	payment .rental_id=rental.rental_id	

Unique keys

Columns	Name/Description
rental_id	

Columns	Name/Description
payment_date	

inventory

Columns

Name	Data type	Description
inventory_id	SERIAL	Primary key identifying the inventory record
film_id	SMALLINT	Number identifying the film record
store_id	SMALLINT	Number identifying the store record
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
rental	inventory .inventory_id=rental.rental_id	

Links to

Table	Join	Title/Name/Description
film_actor	inventory .film_id= film_actor.film_id	
film_category	inventory .film_id= film_category.film_id	
film	inventory .film_id= film.film_id	

Unique keys

Columns	Name/Description
film_id	
last_update	

film

Columns

Name	Data type	Description
film_id	SERIAL	Primary key identifying the film record

Name	Data type	Description
title	CHARACTER VARYING(255)	Film title
description	TEXT	Description of film
release_year	year	Year of film release
language_id	SMALLINT	Number identifying the language record
rental_duration	SMALLINT	Number of days film can be rented
rental_rate	NUMERIC(4,2)	Rate to be paid for rental
length	SMALLINT	Film length in minutes
replacement_cost	NUMERIC(5,2)	Cost of replacing film
rating	mpaa_rating	Age rating of the film record
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated
special features	TEXT	Special features of the film record
fulltext	TSVECTOR	Keywords linked to film

Links from

Table	Join	Title/Name/Description
inventory	film.film_id =inventory.film_id	
film_actor	film.film_id =film_actor.film_id	
film_category	film.film_id =film_category.film_id	

Links to

Table	Join	Title/Name/Description
language	film.language_id =language.language_id	

Unique keys

Columns	Name/Description
title	

film_category

Columns

Name	Data type	Description
film_id	SMALLINT	Primary key identifying the film record

Name	Data type	Description
category_id	SMALLINT	Primary key identifying the category record
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links to

Table	Join	Title/Name/Description
film	film_category .film_id=film.film_id	
category	film_category .category_id=category.category_id	

category

Columns

Name	Data type	Description
category_id	SERIAL	Primary key identifying the category record
name	CHARACTER VARYING(25)	Name of category
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
film_category	category .category_id=film_category.category_id	

Unique keys

Columns	Name/Description
name	

film_actor

Columns

Name	Data type	Description
actor_id	SMALLINT	Primary key identifying the actor record
film_id	SMALLINT	Primary key identifying the film record

Name	Data type	Description
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links to

Table	Join	Title/Name/Description
film	film_actor .film_id=film.film_id	
actor	film_actor .actor_id=actor.actor_id	

actor

Columns

Name	Data type	Description
actor_id	SMALLINT	Primary key identifying the actor record
first_name	CHARACTER VARYING(45)	First name of actor
last_name	CHARACTER VARYING(45)	Last name of actor
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
film_actor	actor .actor_id=film_actor.actor_id	

Unique keys

Columns	Name/Description
first_name	
last_name	

language

Columns

Name	Data type	Description
language_id	SERIAL	Primary key identifying the language record
name	CHARACTER(20)	Name of language

Name	Data type	Description
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
film	language .language_id=film.language_id	

Unique keys

Columns	Name/Description
name	

store

Columns

Name	Data type	Description
store_id	SERIAL	Primary key identifying the store record
manager_staff_id	SMALLINT	Number identifying the manager staff record
address_id	SMALLINT	Number identifying the address record
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links to

Table	Join	Title/Name/Description
customer	store .store_id=customer.store_id	
staff	store .store_id=staff.store_id	

Unique keys

Columns	Name/Description
address_id	

staff

Columns

Name	Data type	Description
staff_id	SERIAL	Primary key identifying the staff record

Name	Data type	Description
first_name	CHARACTER VARYING(45)	First name of staff
last_name	CHARACTER VARYING(45)	Last name of staff
address_id	SMALLINT	Number identifying the address record
email	CHARACTER VARYING(50)	Email address
store_id	SMALLINT	Number identifying the store record
active	BOOLEAN	Active status of staff member
username	CHARACTER VARYING(16)	Name identifying user
password	CHARACTER VARYING(40)	Password allowing access for user
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated
picture	BYTEA	Image of employee

Links from

Table	Join	Title/Name/Description
payment	staff .staff_id=payment.staff_id	
store	staff .staff_id=store.staff_id	
rental	staff .staff_id=rental.staff_id	

Links to

Table	Join	Title/Name/Description
address	staff .address_id=address.address_id	

Unique keys

Columns	Name/Description
first_name	
last_name	
store_id	

customer

Columns

Name	Data type	Description
customer_id	SERIAL	Primary key identifying the customer record

Name	Data type	Description
store_id	SMALLINT	Number identifying the store record
first_name	CHARACTER VARYING(45)	First name of customer
last_name	CHARACTER VARYING(45)	Last name of customer
email	CHARACTER VARYING(50)	Email address
address_id	SMALLINT	Number identifying the address record
activebool	BOOLEAN	Active status of customer
create_date	DATE	Date the record was created
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated
active	INTEGER	Active status of customer

Links from

Table	Join	Title/Name/Description
rental	customer .customer_id=rental.customer_id	
payment	customer .customer_id=payment.customer_id	

Links to

Table	Join	Title/Name/Description
address	customer .address_id=address.address_id	

Unique keys

Columns	Name/Description
first_name	
last_name	
address_id	

address

Columns

Name	Data type	Description
address_id	SERIAL	Primary key identifying the address record
address	CHARACTER VARYING(50)	Address line 1
address2	CHARACTER VARYING(50)	Address line 2

Name	Data type	Description
district	CHARACTER VARYING(20)	District
city_id	SMALLINT	Number identifying the city record
postal_code	CHARACTER VARYING(10)	Address postal code
phone	CHARACTER VARYING(20)	Contact phone number
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
store	address.address_id=store.address_id	
staff	address.address_id=staff.address_id	
customer	address.address_id=customer.address_id	

Links to

Table	Join	Title/Name/Description
city	address.city_id=city.city_id	

Unique keys

Columns	Name/Description
address	
postal_code	

city

Columns

Name	Data type	Description
city_id	SERIAL	Primary key identifying the city record
city	CHARACTER VARYING(50)	Name of the city
country_id	SMALLINT	Number identifying the country record
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
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Table	Join	Title/Name/Description
address	city .city_id=address.city_id	

Links to

Table	Join	Title/Name/Description
country	city .country_id=country.country_id	

Unique keys

Columns	Name/Description
city	
country_id	

country

Columns

Name	Data type	Description
country_id	SERIAL	Primary key identifying the country record
country	CHARACTER VARYING(50)	Name of the country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time when record was last updated

Links from

Table	Join	Title/Name/Description
city	country .country_id=city.cinty_id	

Unique keys

Columns	Name/Description
country	