



Rockbuster Data Dictionary

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Career Foundry

Rockbuster Stealth Data Analysis Project

3.10: Presenting SQL Results

Table Schema**Table Legend****Fact Tables**

Payment

Rental

Dimension Tables

Actor

Address

Category

City

Country

Customer

Film

Film_Actor

Film_Category

Inventory

Language

Staff

Store

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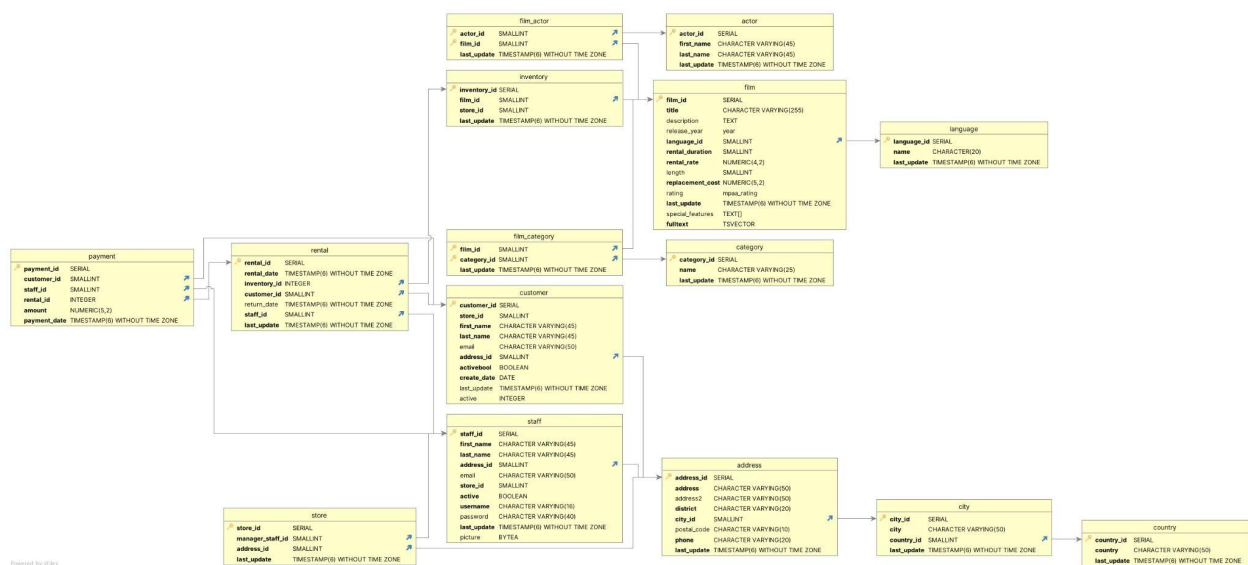
Table Schema

Table Legend

Primary Key

Foreign Key Relation

Fact Tables

Payment

Columns	Data Type	Description
payment_id	SERIAL	Unique ID number for the payment event
customer_id	SMALLINT	Unique ID for the customer
staff_id	SMALLINT	Unique ID for the staff who handled the payment
rental_id	INTEGER	Unique ID for the rental paid for
amount	NUMERIC (5,2)	Payment amount
payment_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time payment event occurred

Rental

Columns	Data Type	Description
rental_id	SERIAL	Unique ID number for the rental event
rental_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the rental event occurred
inventory_id	INTEGER	Unique ID for the inventory rented
customer_id	SMALLINT	Unique ID for the customer
return_date	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the rental was returned
staff_id	SMALLINT	Unique ID for the staff who handled the rental
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the rental event was last updated in the database

Dimension Tables

Actor

Columns	Data Type	Description
actor_id	SERIAL	Unique ID for the actor record
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 the actor record was last updated

Address

Columns	Data Type	Description
address_id	SERIAL	Unique ID for the address record
address	CHARACTER VARYING(50)	Line 1 of the address
address2	CHARACTER VARYING(50)	Line 2 of the address
district	CHARACTER VARYING(20)	State, Province, or District for the address
city_id	SMALLINT	Unique ID for the City associated with the address
postal_code	CHARACTER VARYING(10)	Postal code for the address
phone	CHARACTER VARYING(20)	Phone number associated with the address
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the address record was last updated

Category

Columns	Data Type	Description
category_id	SERIAL	Unique ID for the category record
name	CHARACTER VARYING(25)	Name of the category
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the category record was last updated

City

Columns	Data Type	Description
city_id	SERIAL	Unique ID for the city record
city	CHARACTER VARYING(50)	Name of the city
country_id	SMALLINT	Unique ID for the country record associated with the city
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the city record was last updated

Country

Columns	Data Type	Description
country_id	SERIAL	Unique ID for the country record
country	CHARACTER VARYING(50)	Name of the country
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the country record was last updated

Customer

Columns	Data Type	Description
customer_id	SERIAL	Unique ID for the customer record
store_id	SMALLINT	Unique ID for the store associated to the customer
first_name	CHARACTER VARYING(45)	Customer first name
last_name	CHARACTER VARYING(45)	Customer last name
email	CHARACTER VARYING(50)	Customer email address
address_id	SMALLINT	Unique ID for the customer address record
activebool	BOOLEAN	Indicates if the customer is active (true/false)
create_date	DATE	Date the customer record was created
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the customer record was last updated
active	INTEGER	Indicates if the customer is active (1 for true, 0 for false)

Film

Columns	Data Type	Description
film_id	SERIAL	Unique ID for the film record
title	CHARACTER VARYING(255)	Title of the film
description	TEXT	Brief description of the plot of the film
release_year	year	Year the film was released
language_id	SMALLINT	Unique ID of the language of the film
rental_duration	SMALLINT	Number of days film can be rented for
rental_rate	NUMERIC(4,2)	Cost of rental for the film
length	SMALLINT	Length of the film in minutes
replacement_cost	NUMERIC(5,2)	Cost of replacing the film in inventory
rating	mpaa_rating	Motion Picture Association of America rating of the film
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time film record was last updated
special_features	TEXT[]	Features included with the film, selected from a list of available features
fulltext	TVSECTOR	Count of specific words related to TV categorization

Film_Actor

Columns	Data Type	Description
actor_id	SMALLINT	Unique ID for the actor associated with the record
film_id	SMALLINT	Unique ID for the film associated with the record
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the film_actor record was last updated

Film_Category

Columns	Data Type	Description
film_id	SMALLINT	Unique ID for the film associated with the record
category_id	SMALLINT	Unique ID for the category associated with the record
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the film_category record was last updated

Inventory

Columns	Data Type	Description
inventory_id	SERIAL	Unique ID for the inventory record
film_id	SMALLINT	Unique ID for the film
store_id	SMALLINT	Unique ID for the store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the inventory record was last updated

Language

Columns	Data Type	Description
language_id	SERIAL	Unique ID for the language record
name	CHARACTER VARYING(20)	Name of the language
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the language record was last updated

Staff

Columns	Data Type	Description
staff_id	SERIAL	Unique ID for the staff record
first_name	CHARACTER VARYING(45)	Staff first name
last_name	CHARACTER VARYING(45)	Staff last name
address_id	SMALLINT	Unique ID for the staff address record
email	CHARACTER VARYING(50)	Staff email address
store_id	SMALLINT	Unique ID for store associated with staff
active	BOOLEAN	Indicates if the customer is active (true/false)
username	CHARACTER VARYING(16)	Unique staff login username
password	CHARACTER VARYING(40)	Unique staff login password
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the staff record was last updated
picture	BYTEA	Filename for staff photo

Store

Columns	Data Type	Description
store_id	SERIAL	Unique ID for the store record
manager_staff_id	SMALLINT	Unique Staff ID for the manager of the store
address_id	SMALLINT	Unique ID for the address record for the store
last_update	TIMESTAMP (6) WITHOUT TIME ZONE	Date and time the store record was last updated