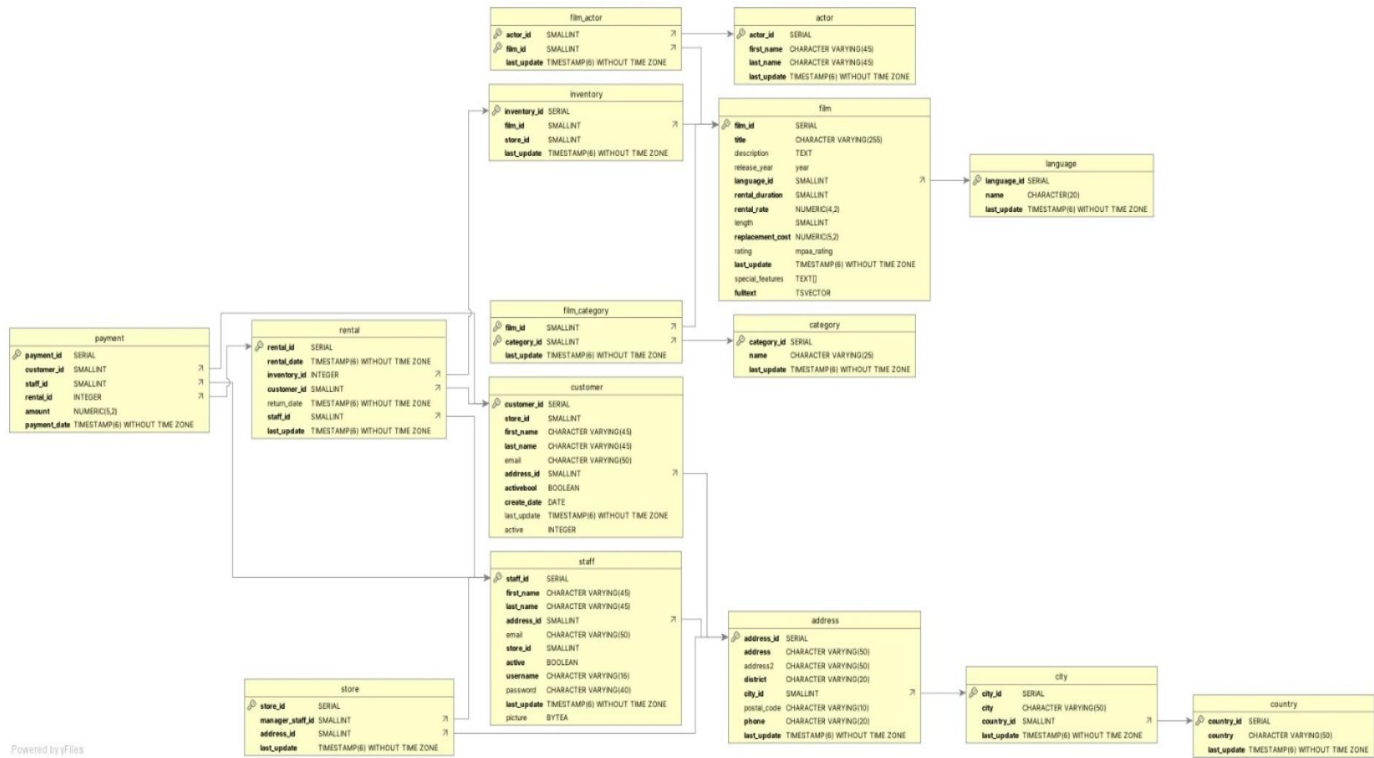


# Rockbuster Data Dictionary

## 1. Entity Relationship Diagram(ERD)



## 2. Fact Tables

### Payment

Columns	Data Type	Description
Payment_id	SERIAL	Unique identifier of payment transaction
Customer_id	SMALLINT	Unique identifier of customer
Staff_id	SMALLINT	Unique identifier of the staff member who carried out the transaction
Rental_id	INTEGER	Unique identifier of the transaction
Amount	NUMERIC (5,2)	Total amount of sale

Payment date	TIMESTAMP(6) WITHOUT TIME ZONE	Payment date
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## Rental

Columns	Data Type	Description
Rental_id	SERIAL	Unique identifier of the transaction
Rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Rental date
Inventory_id	INTEGER	inventory number
Customer_id	SMALLINT	Unique identifier of customer
Return_date	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time the unit was returned
Staff_id	SMALLINT	Unique identifier of the staff member who carried out the transaction
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## 3. Dimension Tables

### Film\_actor

Columns	Data Type	Description
Actor_id	SMALLINT	The unique identifier of the actor
Film_id	SMALLINT	Unique identifier of the film
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

### Inventory

Columns	Data Type	Description
Inventory_id	SERIAL	inventory number
Film_id	SMALLINT	Unique identifier of the film
Store_id	SMALLINT	Unique identifier of the store
Last update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

### Film\_category

Columns	Data Type	Description
film_id	SMALLINT	Unique identifier of the film
Category_id	SMALLINT	Unique identifier of the film's category
Last update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

### Customer

Columns	Data Type	Description
Customer_id	SERIAL	The unique identifier of the customer
Store_id	SMALLINT	The unique identifier of the store
First_name	CHARACTER VARYING(45)	Customer's first name
Last_name	CHARACTER VARYING(45)	Customer's last name
email	CHARACTER VARYING(50)	Customer's email
Address_id	SMALLINT	Customer's address unique identifier
activebool	BOOLEAN	Active or not (true or false)
create_date	DATE	The date the customer was registered
Last update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time
active	INTEGER	Active or not (0 or 1)

### Staff

Columns	Data Type	Description
Staff_id	SERIAL	Unique identifier of the staff member who carried out the transaction
first_name	CHARACTER VARYING(45)	Staff member first name
last_name	CHARACTER VARYING(45)	Staff member last name
Address_id	SMALLINT	Staff member address unique identifier
email	CHARACTER VARYING(50)	Staff member email
Store_id	SMALLINT	The unique identifier of the store

active	BOOLEAN	Active or not
Username	CHARACTER VARYING(50)	Staff member username
password	CHARACTER VARYING(40)	Staff member password
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time
Picture	BYTEA	Staff member photo

## Actor

Columns	Data Type	Description
Actor_id	SERIAL	The unique identifier of the actor
first_name	CHARACTER VARYING(45)	Actor first name
last_name	CHARACTER VARYING(45)	Actor last name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## Film

Columns	Data Type	Description
film_id	SERIAL	Unique identifier of the film
title	CHARACTER VARYING(255)	Film title
Description	TEXT	Short description of the movie content
Release_year	Year	Year the movie was released
Language_id	SMALLINT	Unique identifier of the movie's language
Rental_duration	SMALLINT	How many days the movie was rented
Rental rate	NUMERIC(4,2)	Cost of rental per day
Length	SMALLINT	Movie length in minutes
Replacement_cost	NUMERIC(5,2)	Cost of replacement the movie
rating mpaa_rating	Mpaa_rating	Movie rating in The Motion Picture Association film rating system
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time
Special futures	Text	Movie special futures
fulltext	TVSECTOR	Text of the movie

## Category

Columns	Data Type	Description
category_id	SERIAL	The unique identifier of category
name	CHARACTER VARYING(25)	Category name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## Language

Columns	Data Type	Description
language_id	SERIAL	The unique identifier of the language
name	CHARACTER(20)	Language name
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## Address

Columns	Data Type	Description
Address_id	SERIAL	Unique identifier of address
Address	CHARACTER VARYING(50)	Address details
Address2	CHARACTER VARYING(50)	Additional address
District	CHARACTER VARYING(20)	Name of district
City_id	SMALLINT	Unique identifier of city
Postal_code	CHARACTER VARYING(10)	Postal code
Phone	CHARACTER VARYING(20)	Phone number
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## City

Columns	Data Type	Description
city_id	SERIAL	Unique identifier of city
city	CHARACTER VARYING(50)	City name

country_id	SMALLINT	Unique identifier of country
Last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## Country

Columns	Data Type	Description
country_id	SERIAL	unique identifier of city
country name	CHARACTER VARYING(50)	country
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time

## Store

Columns	Data Type	Description
Store_id	SERIAL	Unique identifier of store
Manager_staff_id	SMALLINT	Unique identifier of the staff manager
Address_id	SMALLINT	Unique identifier of store's address
last_update	TIMESTAMP(6) WITHOUT TIME ZONE	The date and time when the record was updated last time