

# **Rockbuster**

## **Data Dictionary**

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# **1. Rockbuster DataBase**

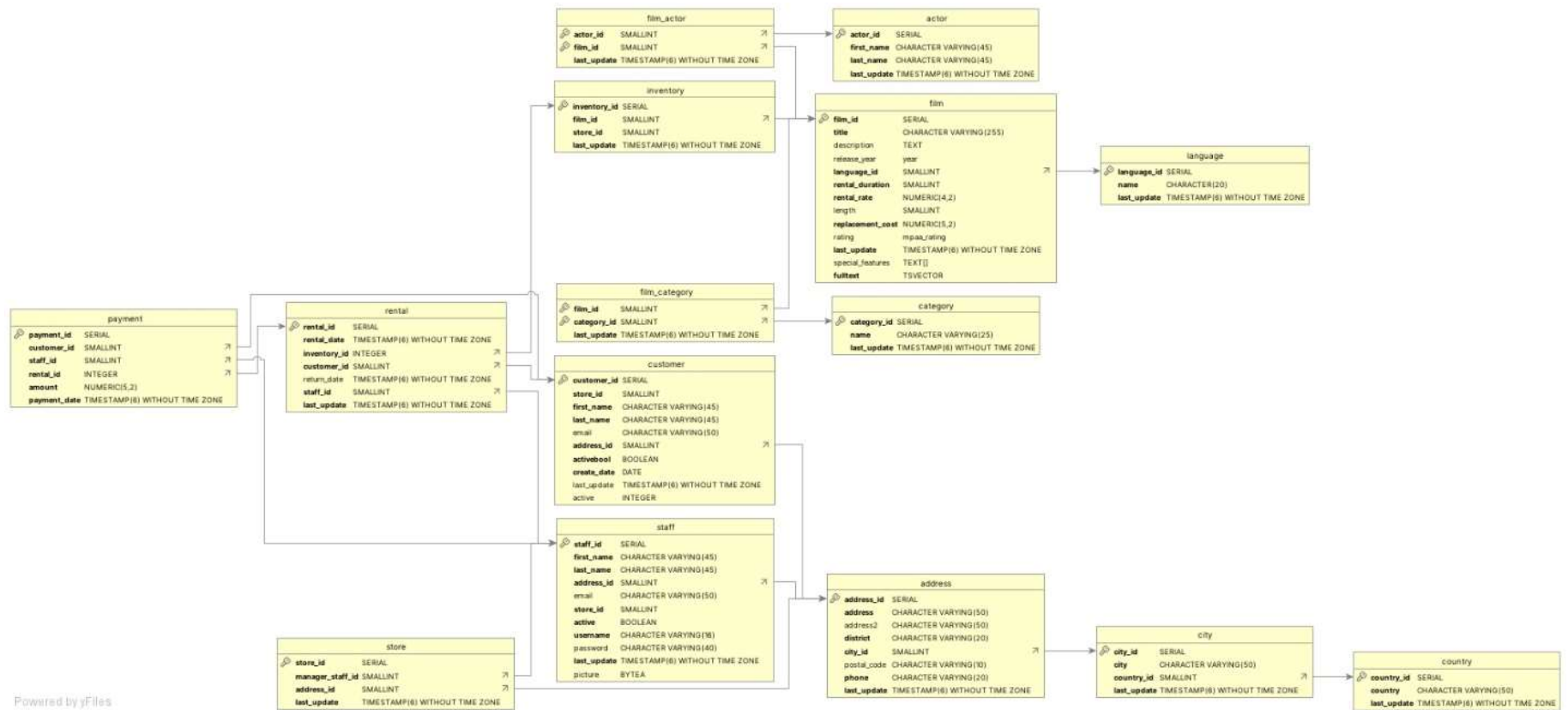
## **1.1 Introduction**

This document contains the historical customer sales and film inventory for the worldwide Rockbuster company.

## **1.2 Data Set**

This database contains customers, sales, and film inventory, file information etc. for the worldwide operations of the Rockbuster company. The data set can be found at this link: [Rock Buster Data Set](#)

## 2. Entity Relationship Diagram (ERD)



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### 3. Legend







Primary Key







Foreign Key

## 4. Fact Tables

### 4.1 payment




Key	Columns	Data Type	Description
	payment_id	Serial	Unique payment identifier
	customer_id	Smallint	Unique customer identifier
	staff_id	Smallint	Unique staff identifier
	rental_id	Interger	Unique rental transaction identifier
	amount	Numermic(5,2)	Amount of payment
	payment_date	Timestamp(6) without time zone	Time and date of transaction

### 4.2 rental



Key	Columns	Data Type	Description
	rental_id	Serial	Unique rental transaction identifier
	rental_date	Timestamp(6) without time zone	Time and date of rental
	inventory_id	Interger	Unique film identifier
	customer_id	Smallint	Unique customer identifier
	return_date	Timestamp(6) without time zone	Date and time rental returned
	staff_id	Smallint	Unique staff identifier
	last_update	Timestamp(6) without time zone	Date and time a record was last updated

## 5. Dimension Tables



### 5.1 store

Key	Columns	Data Type	Description
	store_id	Serial	Unique store identifier
	manager_staff_id	Smallint	Unique store manager identifier
	address_id	Smallint	Unique identifier of address
	last_update	Timestamp(6) without time zone	Date and time a record was last updated



### 5.2 film\_actor

Key	Columns	Data Type	Description
	actor_id	Smallint	Unique actor identifier
	film_id	Smallint	Unique film identifier
	last_update	Timestamp(6) without time zone	Date and time a record was last updated



### 5.3 inventory

Key	Columns	Data Type	Description
	inventory_id	Serial	Unique inventory identifier
	film_id	Smallint	Unique film identifier
	store_id	Smallint	Unique store identifier
	last_update	Timestamp(6) without time zone	Date and time a record was last updated

#### 5.4 film\_category



Key	Columns	Data Type	Description
	film_id	Smallint	Unique film identifier
	category_id	Smallint	Unique category identifier
	last_update	Timestamp(6) without time zone	Date and time a record was last updated

#### 5.5 customer


Key	Columns	Data Type	Description
	customer_id	Smallint	Unique customer identifier
	store_id	Smallint	Unique store identifier
	first_name	Character varying(45)	First Name of customer
	last_name	Character varying(45)	Last Name of customer
	email	Character varying(45)	Email of customer
	address_id	Smallint	Unique identifier of address
	store_id	Smallint	Unique store identifier
	activebool	Boolean	Indicator of whether customer is an active renter
	create_date	Timestamp(6) without time zone	Date and time a record was created
	last_update	Timestamp(6) without time zone	Date and time a record was last updated
	active	integer	Indicator of whether customer is an active renter





## 5.6 staff

Key	Columns	Data Type	Description
	staff_id	Smallint	Unique staff identifier
	first_name	Character varying(45)	First Name of staff
	last_name	Character varying(45)	Last Name of staff
	email	Character varying(45)	Email of staff
	address_id	Smallint	Unique identifier of address
	store_id	Smallint	Unique store identifier
	active	Boolean	Indicator of whether staff is an actively employed
	username	Character varying(45)	Staff IT username
	password	Character varying(45)	Staff IT password
	last_update	Timestamp(6) without time zone	Date and time a record was last updated
	picture	Bytea	Image file of picture of staff


## 5.7 actor

Key	Columns	Data Type	Description
	actor_id	serial	Unique actor identifier
	first_name	Character varying(45)	First Name of staff
	last_name	Character varying(45)	Last Name of staff
	last_update	Timestamp(6) without time zone	Date and time a record was last updated



## 5.8 film

Key	Columns	Data Type	Description
	film_id	serial	Unique film identifier
	title	Character varying(45)	Title of film
	description	text	Description of film
	release_year	Year	Year film was released
	language_id	Smallint	Unique language identifier
	rental_duration	Smallint	Time rental if film is allowed
	rental_rate	Numerical(5,2)	Cost to rent film
	length	Smallint	Length of film
	replacement_cost	Numerical(5,2)	Cost to replace film
	rating	Mpaa_rating	MPAA Rating
	last_update	Timestamp(6) without time zone	Date and time a record was last updated
	Special_features	Text[]	Special features of film
	fulltext	Tsvctor	Additional information about film


## 5.9 category

Key	Columns	Data Type	Description
	category_id	serial	Unique category identifier
	name	Character varying(45)	Name of category
	last_update	Timestamp(6) without time zone	Date and time a record was last updated



### 5.10 address

Key	Columns	Data Type	Description
	address_id	serial	Unique address identifier
	address	Character varying(45)	Name of address line 1
	address2	Character varying(45)	Name of address line 2
	district	Character varying(45)	District of address
	city_id	Smallint	Unique city identifier
	postal_code	Character varying(45)	Postal code of address
	phone	Character varying(45)	Phone number of address
	last_update	Timestamp(6) without time zone	Date and time a record was last updated


### 5.11 language

Key	Columns	Data Type	Description
	language_id	serial	Unique language identifier
	name	Character varying(45)	Name of language
	last_update	Timestamp(6) without time zone	Date and time a record was last updated

### 5.12 city

Key	Columns	Data Type	Description
	city_id	serial	Unique city identifier
	city	Character varying(45)	Name of city
	country_id	serial	Unique country identifier
	Last_update	Timestamp(6) without time zone	Date and time a record was last updated

### 5.13 country

Key	Columns	Data Type	Description
	country_id	serial	Unique country identifier
	country	Character varying(45)	Name of country
	last_update	Timestamp(6) without time zone	Date and time a record was last updated